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**Municipal Register 1925,  
Mayor's address to the Council,  
Annual Reports, Etc.**

**FOR THE YEAR 1924.**



**CITY OF NEW BEDFORD  
MASSACHUSETTS**



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1925.

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# CITY DOCUMENTS

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**Municipal Register 1925,  
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FOR THE YEAR 1924.**



**CITY OF NEW BEDFORD  
MASSACHUSETTS**





# Municipal Register

JUNE 1, 1925

## MAYOR

HON. EDWARD R. HATHAWAY, 106 Brigham Street  
Salary \$7,500.

## ALDERMEN—Salary, \$100 each.

President of Board—JOHN CATTERALL

Ward One: ULRIC E. COLLETTE.....1566 Acushnet Avenue  
Ward Two:—THOS. HARRY MARGESON..167 Bullock Street  
Ward Three:—HENRY S. WINSLOW.....74 Willis Street  
Ward Four:—WILLIAM J. KERWIN Jr.....81 Walnut Street  
Ward Five: WILLIAM E. PARKER.....17 Plymouth Street  
Ward Six: JOHN CATTERALL.....81 Butler Street

City Clerk,

RODOLPHUS A. SWAN, 80 Walnut Street.

## COMMON COUNCIL.

### Ward One

WALTER BAILLARGEON.....263 Wood Street  
ARCADE DAGESSE.....243 Ashley Boulevard  
NAPOLEON J. GAOUETTE.....272 Shaw Street  
HAWORTH TAYLOR.....419 Ashley Boulevard

### Ward Two

WM. R. BALDERSON.....1447 Pleasant Street  
WALTER BALDWIN, Jr.....248 Mt. Pleasant Street  
AUSTIN FOWLER.....139 Adams Street  
JOHN J. MURRAY.....16 Willow Street

### Ward Three

MATTHEW J. DONOVAN.....282 Cedar Street  
GEO. A. MOOREHOUSE.....164 Summer Street  
EUGENE B. SHEERIN.....482 Cottage Street  
GEORGE H. SISTARE.....474 Park Street

### Ward Four

NICHOLAS G. BECK.....34 Gaywood Street  
GARDNER W. BULLARD.....152 Cottage Street  
WILIAM B. FERGUSON.....56 Rounds Street  
GEO. W. MAHON.....71 Mechanics Lane

### Ward Five

OTTO CARL BANKS.....49 Brigham Street  
L. RODMAN DOANE.....326 Arnold Street  
WILLIAM MARTIN.....1 Cottage Street  
THOMAS A. MORRISON.....64 Forest Street

### Ward Six

WILFRED BRIMLEY.....23 Robeson Street  
EDWARD F. DELANEY.....631 Brock Avenue  
LOUIS Z. FAUTEUX.....1025 Cove Road  
WILLIAM NORSE.....810 So. First Street

President:—EDWARD F. DELANEY.

Clerk:—RUTH G. HILTON, Salary \$500.

JOINT STANDING COMMITTEES OF THE  
CITY COUNCIL.

- Almshouse and the Poor**—Aldermen Winslow, (ch.), Kerwin; Councilmen Fowler, Brimley and Balderson.
- Armories**—Aldermen Kerwin (ch.), Parker; Councilmen Bullard, Fauteux and Taylor.
- Audit**—Aldermen Collette (ch.), Winslow; Councilmen Baillargeon, Baldwin and Ferguson.
- Bath Houses**—Aldermen Margeson (ch.), Winslow; Councilmen Balderson, Gaouette and Murray.
- Building Code**—Aldermen Margeson (ch.), Collette; Councilmen Donovan, Sheerin and Sistare.
- City Property**—Aldermen Catterall (ch.), Collette; Councilmen Murray, Dagesse and Doane.
- Claims**—Aldermen Parker (ch.), Margeson; Councilmen Morrison, Martin and Banks.
- Finance**—Mayor (ch.), Aldermen Kerwin and Parker; Councilmen Moorehouse, Martin and Gaouette.
- Fire Department**—Aldermen Margeson (ch.), Catterall; Councilmen Fowler, Ferguson and Banks.
- Ordinances**—Aldermen Parker (ch.), Margeson; Councilmen Norse, Sheerin and Beck.
- Streets**—Alderman Winslow (ch.), Collette, Councilman Dagesse, Baldwin and Doane.
- Street Lights**—Aldermen Kerwin (ch.), Catterall; Councilmen Morrison, Baillargeon and Brimley.
- Wharves**—Aldermen Catterall (ch.), Parker; Councilmen Taylor, Norse and Mahon.

## DEPARTMENTS

- City Clerk**—RODOLPHUS A. SWAN, Salary \$4,200, 80 Walnut Street. **Assistant City Clerk**—JAMES DIGNAM, Salary \$2,500, 289 Maple Street.
- City Treasurer and Collector of Taxes**—JOHN MORRIS. Salary \$4,000. 235 Pope Street.
- City Auditor**—CHARLES J. MCGURK. Salary \$4,000, 79 Rockland Street.
- Clerk of Committees**—RUTH G. HILTON, Salary \$2,600. 414 Cedar Street.
- City Solicitor**—WILLIAM M. CONROY, Salary \$3,500, 114 Brigham Street.
- City Engineer**—GEORGE H. NYE, Salary \$4,000, 23 Arnold Place.
- Superintendent of Streets**—WILLIAM P. HAMMERSLEY, Salary \$6,000, 37 So. Sixth Street.
- City Forester**—CHARLES F. LAWTON, Salary \$2,000, 31 Plymouth Street.
- Superintendent of Buildings and Inspector of Buildings**—JOHN F. TINKHAM, Salary \$3,500, 472 Cottage Street.



**Assistant Superintendent of Buildings**—MARTIN H. SULLIVAN.  
Salary \$2,300. 78 North Street.

**Inspector of Wires**—WILLIAM P. BRIGGS, Salary \$2,000. 123  
Bedford Street.

**Superintendent of Street Lights**—WILLIAM P. BRIGGS. Salary  
\$1,000. 123 Bedford Street.

**Supervisor of Police Signal System**—WILLIAM P. BRIGGS.  
Salary \$500. 123 Bedford Street.

#### OTHER OFFICIALS

**City Physician**—DENNIS J. LOWNY, M. D. Salary \$1,500.  
72 Foster St. Term expires April, 1926.

**Sealer of Weights and Measures**—JOHN HOBIN, Salary \$2,200.  
189 Hersom Street.

**Superintendent of Sewers**—WILLIAM P. HAMMERSLEY,  
Superintendent of Streets, ex-officio.

**Harbor Master**—HENRY F. WEST, Salary \$400. 226 Chancery  
Street.

**City Wharfinger**—HENRY F. WEST. Salary \$500. 226 Chancery  
Street.

**Inspector of Crude Petroleum**—THOMAS J. JENKINS. Fees.  
3304 Acushnet Avenue.

**Fence Viewers**—THOMAS THORLEY, 467 Allen Street.  
JOHN EGAN, 98 Armour Street.

**Caretaker of Graves of Soldiers and Sailors**—SIDNEY B. DE-  
MORANVILLE. 6 Richmond Street. No salary. Superin-  
tendent of Cemeteries.

**Registrar of Labor** (Under Massachusetts Civil Service Commis-  
sion)—WILLIAM J. CARTER. Salary \$500. 108 Robeson  
Street.

**Inspector of Accidents**—LEONARD M. McDONNELL. Salary  
\$400. 465 Bolton Street.

#### BOARD OF HEALTH.

Salary \$700 each.

JOSEPH R. GLENNON, Term expires February, 1926

DR. FRANCIS M. KENNEDY Term expires February, 1927

J. UBALDE PAQUIN, M. D. Term expires February, 1928

J. UBALDE PAQUIN, Chairman

Agent and Executive Officer—Salary \$4,000.

WILLIAM G. KIRSCHBAUM

Director of Field Work—Salary \$4,000.

WILLIAM B. GEOGHEGAN

## MUNICIPAL REGISTER

Clerk—Salary \$25 per week.  
 ELIZABETH E. SUMNER  
 Assistant Clerk and Stenographer—Salary \$18 per week.  
 HERMINE PALME  
 Assistant Clerk—Salary \$29 per week.  
 M. CATHERINE SILVA  
 Stenographer and Clerk, Infant Welfare—Salary \$18 per week.  
 LAURA E. GODIN  
 Stenographer and Clerk, Infant Welfare—Salary \$18 per week.  
 SUSANNA BARRY.  
 Sanitary Inspectors and Wages per week.  
 JOHN E. GLENNON, \$38.50    ANTONE F. SYLVIA, \$38.50  
 EDWARD RAYMOND, \$38.50    ROBERT F. VOGEL, \$38.50  
 Milk Collector and Interpreter, \$40 per week  
 FREDERICK J. FRANCIS  
 Inspectors of Plumbing  
 WILLIAM DEACON    ERNEST G. PARKER  
 Salary \$2,500 year    Salary \$2,500 year  
 Medical Inspector and Physician to Well Baby Clinics—  
 Salary \$3357.12  
 A. N. SENESAC, M. D.  
 Physician to Well Baby Clinics—Salary \$642.28  
 AUBREY POTHIER, M. D.  
 Oculist—Salary \$2,000.00  
 ALPHONSE NORMANDIN, M. D.  
 Bacteriologist, Chief of Venereal Clinic—Salary \$3,000  
 A. H. MANDELL, M. D.  
 Technician—Salary \$26.92 per week  
 OLIVE L. SHERIDAN  
 Chief of T. B. Clinic—Salary \$1,000  
 J. M. WISE, M. D.  
 Quarantine Physician—Fees  
 E. F. CODY, M. D.  
 Public Vaccinator—Fees  
 L. K. DORAN, M. D.  
 NURSES  
 LENA McFARLAND, Supervisor—Salary \$2,300  
 \$30 each per week  
 HARRIET L. MURPHY    DOROTHY HOWLAND  
 AZUBAH C. DEXTER    FRANCES K. McCABE  
 PHILOMENE E. GIFFORD    ESTELLE R. RECA  
 EDITH H. GIFFORD    BERTHA RIDDOK  
 ISABEL FITZGERALD    MARY J. RECA  
 MIRIAM HOUGHTON  
 Nurses to Parochial Schools—\$30 per week.  
 CHARLOTTE BONNEY    BERYL I. ROSS  
 Ophthalmia Nurse—\$21 per week.  
 THERESA LYONS  
 Medical Inspector Parochial Schools—Salary, \$400 each  
 DR. J. P. ST. GERMAIN    DR. JACOB GENNERT  
 DR. ELLEN R. CANNEY



## Dental Clinic

DR. JOHN A. GIBBONS, Chief

DR. BENJAMIN MECHABER

DR. J. N. FINNI

DR. W. E. KINNEY

DR. F. J. HOYE

DR. JOHN HALL

DR. C. P. FORTIN

DR. LESLIE A. RUSSELL

## Dental Hygienists—Salary \$30 per week.

ROSE COUGHLIN

HETTY HARRINGTON

MILDRED E. WENDT

ANN F. PEMBERTON

SARAH BARNET

ELLEN SULLIVAN

FRANCIS CLARK

## Dental Assistants—\$20 per week.

FLORENCE PERRY

BLANCHE ELLIS

LOUISE JOURDAIN

## Garbage Disposal

Supt. AUSTIN W. THRESHER—Salary \$3,000

## Inspector of Milk—Salary \$2,500

CHESTER S. STIRRETT, D. V. M.

## Inspector of Dairies—Salary \$30 per week

THOMAS J. MAY

ROBERT F. LANGLEY

## Inspector of Milk and Provisions—Salary \$1,400

H. B. HAMILTON, V. S.

## Inspector of Slaughtering—Salary \$500

EDGAR E. CORY.

## ASSESSORS

## Salary \$3,000 each

WILLIAM J. ABRAMS, Chairman

Term expires 1926

JOSEPH H. HANDFORD

Term expires 1928

MARY L. FINNELL

Term expires 1930

## OVERSEERS OF THE POOR

## Salary, \$500 each

JOHN J. GOBEL, Chairman

Arthur GOULART,

Term expires May 1, 1926

JOHN J. GOBEL,

Term expires May 1, 1927

ALFRED D. FRIGAULT,

Term expires May 1, 1928

## Secretary and Almoner—Salary, \$2,760

CHARLES A. POIRIER

## Clerk and French Interpreter—Salary, \$2,184

JOSEPH A. DESJARDINS

## Visitors—Salary \$2,080

RAYMOND HALLIWELL

CHARLES A. McAVOY

MRS. M. JOSEPHINE TELFORD—\$25 per week

## Stenographers

MABELLE F. COBB

Salary \$28 per week

LILLIAN T. SOLY

Salary \$28 per week

## Superintendent and Matron of Almshouse—Salary \$1,820

CATHERINE F. BROWN

## MUNICIPAL REGISTER

Chaplains of Almshouse—Salary \$300

REV. CHARLES S. THURBER

REV. HENRY J. NOON

Physicians to the Board.—Salary, \$1,000 each.

Physician to the North District

R. E. SENEAL, M. D.

Physician to the Centre District

WILLIAM ROSEN, M. D.

Physician to the South District

J. B. MORRIS, M. D.

Physician to Cove District

LOUIS A. PERRAS, M. D.

Eye Specialist—Salary \$800

C. A. B. PETERSON, M. D.

**TRUSTEES FREE PUBLIC LIBRARY**

Ex-Officio

Term expires January 1926

EDWARD R. HATHAWAY.....Mayor of the City.

JOHN CATTERALL.....President of the Board of Aldermen.

EDWARD F. DELANEY....President of the Common Council.

Elected by the City Council

ABBOTT P. SMITH,

Term expires April, 1926

OTIS S. COOK,

Term expires April, 1926

FRANK A. MILLIKEN,

Term expires April, 1927

ALICE P. SHOCKLEY,

Term expires April, 1927

CHARLES M. HOLMES,

Term expires April, 1928

IRVING W. COOK,

Term expires April, 1928

President of the Board

THE MAYOR

Clerk

GEORGE H. TRIPP

**COMMISSIONERS OF SINKING FUND**

WILLIAM S. COOK,

Term expires April, 1926

CHARLES S. KELLEY, Jr.,

Term expires April, 1927

BENJAMIN A. TRIPP,

Term expires April, 1928

JOHN MORRIS, Secretary and Treasurer

Salary \$300

**TRUSTEES OF GIFTS, BEQUESTS AND TRUST FUNDS**

FREDERIC TABER, 78 Hawthorn Street, Elected 1923. Term expires April, 1926.

JOSEPH M. READ, 163 Hawthorn Street, Elected 1924. Term expires April, 1927.

ALBERT H. DOYLE, 2095 Acushnet Avenue, Elected 1925. Term expires April, 1928.

**NEW BEDFORD WATER WORKS**

New Bedford Water Board

EDWARD R. HATHAWAY, Mayor, ex-officio, President

EDWARD F. DELANEY, President of Common Council, ex-officio.

THOMAS F. GLENNON,

Term expires June, 1925

JAMES O. THOMPSON, Jr.,

Term expires June, 1926

ABBOTT P. SMITH,

Term expires June, 1927

Clerk—STEPHEN H. TAYLOR

Superintendent—Salary, \$4,500

STEPHEN H. TAYLOR



Assistant Superintendent—Salary \$2,500

ELLSWORTH B. TOLMAN

Water Registrar—Salary, \$2,912

ALFRED BRADLEY

#### BOARD OF PARK COMMISSIONERS

WILLIAM P. COVELL, Chairman

EDWARD A. OESTING, Term expires 1st Monday in May, 1926

WILLIAM F. CASWELL, Term expires 1st Monday in May, 1927

GEORGE H. CUSHING, Term expires 1st Monday in May, 1928

WILLIAM P. COVELL, Term expires 1st Monday in May, 1929

GEORGE R. HOOPER, Term expires 1st Monday in May, 1930

GEORGE H. CUSHING, Secretary

General Superintendent—Salary, \$3,000

EVERETT B. SHERMAN

#### CEMETERY BOARD

WILLIAM M. HIGHAM, Chairman

CHARLES H. VINAL, Term expires May 1, 1926

WILLIAM M. HIGHAM, Term expires May 1, 1927

JOHN G. NICHOLSON, Term expires May 1, 1928

CHARLES H. VINAL, Secretary

Superintendent of Cemeteries—Salary, \$2,500

SIDNEY B. DeMORANVILLE

#### REGISTRARS OF VOTERS

Salary \$400 each

CHANNING WILDE, (Dem.) Ch., Term expires March, 1926

CAMILLE J. ROBERT, (Rep.) Term expires March, 1927

HERCULE J. GUILLET, (Rep.) Term expires March, 1928

RODOLPHUS A. SWAN, (Dem.) Clerk, Salary, \$400

Assistant Registrar, WILLIAM J. CARTER, Salary, \$200

Elected Annually in April by the Board.

#### LICENSING BOARD

Salary, \$500 each

DANIEL W. BAKER, Chairman and Secretary

DANIEL W. BAKER, Term expires 1926

JAMES YATES, Term expires 1928

HENRI CHARPENTIER, Term expires 1930

#### FIRE DEPARTMENT

Executive Head—Mayor EDWARD R. HATHAWAY

EDWARD F. DAHILL ..... Chief

Salary, \$3,850

JAMES J. DONAGHY ..... Deputy Chief

Salary, \$3,080

JOHN W. DONAGHY ..... First District Chief

Salary, \$2,750

FREDERICK E. RICKETSON ..... Second District Chief

Salary, \$2,750

AMBROSE F. MERCHANT ..... Third District Chief

Salary, \$2,750

FRANCIS P. MACEDO ..... Clerk of Board

#### POLICE DEPARTMENT

EDWARD P. DOHERTY ..... Chief

Salary, \$3,850

SAMUEL D. McLEOD ..... Deputy Chief

Salary, \$3,517.14

(For complete list see report of Police Department.)

# THE NEW BEDFORD PROTECTING SOCIETY

## 1925

PRESIDENT :

JOSEPH F. CORNWELL

DIRECTORS.

HENRY S. HUTCHINSON

THOMAS B. AKIN

CHAS. S. BAYLIES

F. OSCAR COVILL

FRANK P. R. PATTERSON

ERNEST H. BOUCHER

GEORGE I. MACY

FREDERICK B. MACY

SECRETARY AND TREASURER :

GEORGE P. HURLL

George H. H. Allen  
Merrill D. Anthony  
Frederick F. Archer  
John K. Blair  
George Bonneau  
William S. Bourne  
Harry C. Brightman  
Arthur T. Brooks  
Andrew J. Brooks  
Frederic T. Browne  
Everett B. Case  
Laurance D. Chapman  
Chester W. Chase  
I. H. Coe, Jr.  
Otis P. Cook  
William C. Dawe  
Arthur D. Delano  
Otis N. Dunham  
Wellington A. Francis  
Samuel E. Gabriel  
Henry Howard, Jr.  
Charles S. Kelley, Jr.  
Henry S. Knowles  
John M. Lancaster  
Harry C. Lawton  
Herbert Macy  
J. Roland Macy  
Henry J. Makin  
P. H. Manchester  
Hyman Mendelson  
Edward A. Oesting

George L. Oliver  
Stephen D. Peirce  
Samuel H. Perry  
George W. Peterson  
William C. Phillips  
Aime J. Poirier  
William F. Potter  
Joseph M. Read  
W. Kempton Read  
Chester P. Rexford  
William A. Robinson, Jr.  
Charles A. Russell  
Arthur Sharples  
Charles S. Sharples  
John C. Shaw  
G. W. Simmonds  
Nat. C. Smith  
George A. St. Germain  
Wayland L. Sturtevant  
Horace W. Swift  
Frederic H. Taber  
William T. Taylor  
Walter J. Thorpe  
Clifton P. Tuell  
James A. Webber  
Allen T. Weeks  
John L. Weeks  
Thomas W. Williams  
T. Wilson Williamson  
Henry S. Winslow  
David S. Wood

## WEIGHERS OF MERCHANDISE

Arkison, James	Chase, Nathan P.
Alexander, Charles A.	Carter, John J.
Akin, Charles G.	Carrier, Levitt
Andrade, William	Caswell, James B.
Andrews, Manuel A.	Castino, Elsbeth
Andrews, James T. F.	Cobb, Edward
Armstrong, Edward J.	Clark, Henry
Anderson, John	Connelly, Nathaniel
Almeida, Joseph	Coe, William
Andrew, Harry	Caswell, James B.
Alves, John	Carpenter, Clayton
Allain, Peter	Cooper, James Henry
Affleck, William	Cloutier, Adrien
Brownhill, Richard A.	Coyle, Joseph C.
Bryant, Alfred O.	Chase, Alton N.
Babcock, Joseph D.	Calverly, James N.
Booth, Charles H. W.	Crawford, Samuel G.
Brogden, John R.	Cobb, George S.
Briggs, Arthur S.	Cobb, George A.
Bouchard, Henry W.	Donohue, Charles P.
Belanger, Lucien	Duffie, Robert Jr.
Burns, Mary J.	Dion, Alphonse J.
Blossom, Alonzo C.	Duval, Arthur
Butler, George H.	Draper, Josiah F.
Bachand, Wilfred J.	Dyson, Nellie
Best, Chester A. W.	Dubois, Dexter D.
Borden, Frank W.	Davignon, Norbert
Brierley, William	Dolezal, Frank
Burke, Raymond	Duffy, John E.
Bradshaw, Carleton N.	Davis, William T.
Bassett, Thomas E.	Desjeunes, Anacit
Brown, John	Devoll, Roy
Brogden, Harry	Downey, Maurice C.
Boland, Edward	Day, Thomas E.
Bence, Frederick N.	Dauphin, Charles R.
Broughton, Harry	Dias, Albert
Bowman, Fred G.	Enos, Henry
Barrows, Fred D.	Escolas, August
Bibby, William	Fay, Lawrence P.
Barnes, Chester	Foley, Patrick J.
Bottomley, William	Furtado, Manuel J.
Brown, Manuel	Feldon, Clara
Bumpus, Arthur P.	Freitas, Gilbert J.
Bolduc, Telesphore	Fountain, Frank H.
Brown, John E.	Folay, Edward T.
Correia, Antone	Frates, Thomas
Chase, William H.	Francis, William H.
Card, James G.	Furtado, Manuel J. Jr.
Carter, Thomas	Fredette, Henry
Cardoza, Joseph	Ford, Albert
Curtis, Daniel J.	Franklin, Clarence N.
Carroll, Edward J.	Fredette, George R.
Cyka, Peter	Guilmette, Alfred



Guay, Arva  
Gifford, William E.  
Gannon, Patrick J.  
Gray, Charles A. Jr.  
Gagnon, Joseph  
Goulding, John S.  
Gilmore, Thomas Jr.  
Gamble, William  
Goulding, Joseph M.  
Guilmette, Armand  
Gosselin, Henry  
Grosse, Julia  
Gray, Philip H.  
Goldthwait, Bradley D.  
Gurl, Henry  
Holmes, Albert W.  
Heath, George  
Harwood, William S.  
Hutchings, Walter C.  
Haworth, Archibald W.  
Heroux, Joseph  
Hardy, Harry  
Hayden, Edward D.  
Hatch, Clifton N.  
Howard, John N.  
Higgins, James  
Hindle, William  
Heyliger, Robert  
Harney, John J.  
Howland, Boyd S.  
Hayden, John  
Harwood, Gertrude  
Hyham, William  
Horsley, Frank  
Irwin, Louis  
Irwin, James  
Jette, Napoleon  
Johnson, Albion  
Jacobs, Meda  
Johnson, Robert I.  
Judge, Edward E.  
Kay, James C.  
Kenyon, Harry  
King, Howard F.  
Kiernan, James F.  
King, Joseph F.  
Kenyon, Robert  
Kenyon, Walter A.  
Kennedy, Charles F.  
King, William  
Kelley, Harold  
Kenworthy, Sidney  
Keane, Paul F.  
Kinney, Archie  
Karl, Edward

Kasmire, Bertha  
Lewis, William Jr.  
Lowe, Charles T.  
Lima, John A.  
Lord, Thomas  
Lawrence, Alton A.  
Linehan, Peter D.  
Lawrence, Charles L.  
Lethbridge, Walter  
Lawrence, Herbert  
Luce, Joseph A.  
Lavergne, Israel  
La Fond, Romeo  
Lambert, Sidney  
Larocque, Joseph W.  
Livsey, William J.  
Lindsay, Robert  
Larsen, Louis  
Lennox, Robert  
Lee, John  
Lacroix, Leo P.  
La Bonte, Raymond  
Lopes, Manuel F.  
Lemoine, Albert  
Lareau, Theodore  
Lareau, Joe  
Marshall, Smith  
Manchester, Philip A.  
Matthews, Harry G.  
Mello, Manuel C. de  
Moore, John H.  
Macomber, James S.  
Mosher, Fred P.  
McCarthy, Elsie C.  
Mullin, James  
McCulloch, George H.  
Mayo, James  
Medeiros, Joseph  
McCann, Frank  
Murray, Norman  
Mulkearns, Thomas F.  
Manna, Joseph  
Mello, Josephat  
McDonnell John F.  
Mulkerne, James  
Moores, Joseph E.  
Morton, Walter S.  
Macy, Andrew M.  
Miller, John G.  
Murphy, Philip  
Medeiros, Manuel  
Minton, Joseph R.  
Marks, Antone  
Murphy, John W.  
McCarthy, Jeremiah

McDonald, Stephen  
Mullen, Thomas P.  
Machiel, Manuel R.  
McGinness, John J.  
Margeson, James Wm.  
Nicholson, Henry  
Neagus, John P.  
Newsham, Samuel  
Neves, Rose  
Nelson, Joseph  
Neary, William J.  
Nault, Ovilla  
Oliveira, Manuel  
O'Brien, Harry  
Openshaw, William  
O'Rourke, Patrick H.  
Oliver, Joseph  
Ouimet, Ernest  
O'Gara, Peter  
O'Brien, William  
OGrady, Henry  
Paul, George F.  
Pontbriand, Remi  
Pierce, Clarence E.  
Paquin, Frank  
Phinney, George H.  
Pedro, William  
Potter, William H.  
Pierce, Nathaniel E.  
Potter, John L.  
Perry, John S.  
Putnam, Arthur C.  
Pease, Luther M.  
Pontbriand, Oscar  
Paul, George H.  
Parent, Andrew J.  
Richardson, Clifford G.  
Roy, Eugene N.  
Robinson, Leslie P.  
Ross, Samuel  
Ryan, Ambrose J.  
Rogers, Henry V.  
Rose, William G.  
Reed, Ervin A.  
Rawlinson, John  
Roy, Romuald J.  
Robitaille, Ernest  
Rawstron, John  
Richards, Anthony  
Robinson, Frank J.  
Roy, Joseph R.  
Rogers, Frank  
Reynolds, William  
Rourke, William  
Rankin, Archibald  
Richard, Clement G.  
Russell, Joseph A.  
Rooney, John  
Robert, Leonard  
Ryder, Thomas  
Rejsek, John  
Rego, Angelo  
Ratcliffe, Ralph  
Riach, Nessie  
Sadler, William  
Sampson, Charles A.  
Sullivan, William H.  
Smith, William  
Sylvia, Michael B.  
Santos, Manuel A.  
Sylvia, Ernest  
Sayles, Harry D.  
Sullivan, Daniel J.  
Snow, Arthur A.  
Sullivan, Mike  
Snow, Russell  
Shaw, Chauncey L.  
Salisbury, Walter T.  
Simmons, Carlton P.  
Sparling, William D.  
St. Peter, Charles  
Spooner, Ralph  
Sargent, George  
Smythe, Fred R.  
Silva, Frank  
Smith, Harry  
Simpson, William  
Stirrup, John  
Souza, Manuel  
Speak, James  
Staples, Howard F.  
Sullivan, James F.  
Simmons, Isaac  
Sumner, John  
Sterling, Walter  
Sayles, Joseph A.  
Sylvia, Manuel T.  
Sylvia, Antone  
Stokoe, George  
Smith, J. Evelyn  
Shepley, Edward  
Sullivan, Frank B.  
Terry, Stanley W.  
Tate, Andrew  
Thibeau, Ludger J.  
Taylor, Samuel  
Tripp, Desmond W.  
Tripp, Lewis S.  
Tomlinson, David H.  
Thompson, Arthur

Tetreault, Odilon  
 Toolis, Edward E.  
 Tripp, Jabez D.  
 Vaudry, Louis F.  
 Vieira, John R.  
 Wilson, Wallace B.  
 Wilde, C. Marchant  
 Weeks, John L.  
 Wilkinson, Walter  
 Winterbottom, Edward  
 Walsh, Martin E.  
 Whalley, James W.  
 Walker, Samuel R.  
 Winn, Thomas P.

Walker, George  
 Wood, John  
 Walsh, Richard  
 Ward, William  
 Wilson, Matthew J.  
 Worden, William  
 Whiting, Harold  
 Wilde, Webster  
 Young, Charles  
 Young, Orville E.  
 Yates, Beatrice M.  
 Yates, Thomas  
 Zysk, Frank

### Weighers of Coal

Aromis, Theodore  
 Alexander, Charles A.  
 Akin, Charles G.  
 Anderson, John  
 Belanger, Louis  
 Babiarz, John  
 Booth, Charles H. W.  
 Briggs, Arthur S.  
 Burke, Raymond  
 Booth, Charles L.  
 Bowman, Fred G.  
 Barrows, Fred D.  
 Barnes, Chester J.  
 Czarnecki, Ludwik  
 Correia, Antone  
 Chase, William H.  
 Chase, Nathan P.  
 Clark, Henry  
 Coe, William A.  
 Calverly, James  
 Crawford, Samuel G.  
 Cobb, George S.  
 Cobb, George A.  
 Dion, Joseph  
 Draper, Josiah F.  
 Day, Thomas  
 Dunbar, Emily H.  
 Foley, Patrick J.  
 Foley, Edward T.  
 Francis, William H.  
 Franklin, Clarence N.  
 Greenwood, Stanley H.  
 Guay, Arva  
 Gifford, William E.  
 Gray, Charles A. Jr.  
 Guerreiro, John W.  
 Goldthwait, Bradley D.

Heath, George  
 Hutchings, Walter C.  
 Handford, John E. W.  
 Hayden, Edward D.  
 Hindle, William  
 Heyliger, Robert  
 Hichburn, John  
 Jennings, Ralph  
 Johnson, Albion C.  
 Jaworek, Eugene  
 Johnson, Robert I.  
 Jutras, Albert  
 Kogut, Frank  
 King, Howard F.  
 King, Joseph F.  
 Kenyon, Walter A.  
 Keane, Paul F.  
 Lawrence, Mary L.  
 Lowe, Charles T.  
 Lawrence, Alton A.  
 Lemieux, Anthony  
 Lapointe, Archille  
 Lecuyer, Napoleon  
 Luce, Joseph A.  
 Lebeau, Francois X.  
 Lindsay, Robert  
 Lee, John  
 Lamontagne, John  
 Michalski, Jacob  
 Mello, Manuel C. de  
 Morton, Walter S.  
 Moore, John H.  
 Macomber, James S.  
 McCann, Frank  
 Mathews, Harry G.  
 Moniz, Louis  
 Montgomery, William H.



Moores, Joseph E.  
 Neagus, John P.  
 Neves, Rose  
 Ouimet, Adelard Henry  
 Paul, Lovensey J.  
 Pontbriand, Remi  
 Potvin, Joseph  
 Potter, William H.  
 Phinney, George H.  
 Pedro, William  
 Pierce, Nathaniel E.  
 Potter, John L.  
 Pease, Luther M.  
 Pontbriand, Oscar  
 Parent, Andrew J.  
 Plourde, Basile  
 Raymond, Thomas A.  
 Robinson, Leslie P.  
 Ross, Samuel  
 Ryan, Ambrose J.  
 Rogers, Henry V.  
 Rose, William G.  
 Roy, Romuald J.  
 Robinson, Frank J.  
 Reynolds, William  
 Rourke, William

Ratcliffe, Ralph  
 Rounds, Minerva M.  
 Simoes, Joseph  
 St. Sauveur, Alex  
 Sampson, Charles A.  
 Sullivan, William H.  
 Sylvia, Manuel  
 Santos, Manuel A.  
 Sayles, Harry D.  
 Sullivan, Mike  
 Shaw, Chauncey L.  
 Smith, Harry  
 Stokoe, George  
 Torres, Manuel A.  
 Terry, Stanley W.  
 Tate, Andrew  
 Tripp, Desmond W.  
 Tripp, Lewis S.  
 Tripp, Jabez D.  
 Travers, Charles I.  
 Wilson, Wallace B.  
 Weeks, John L.  
 Walker, Sam R.  
 Winn, Thomas P.  
 Young, Orville E.

#### Measurers of Lumber

Beetle, John H.  
 Cardoza, George  
 Coggeshall, Harry B.  
 Croacher, Thomas  
 Dunham, Curtis H.  
 Doane, Joshua G.  
 Dunbar, Albert A.

Howe, Benjamin F.  
 Longpre, Joseph Z.  
 Meakin, James D.  
 Poole, Justin  
 Sylvia, John J.  
 Saltus, Ralph E.  
 Spooner, Daniel A.

#### Measurers of Wood and Bark

Borden, George B.  
 Borden, Harrison T.  
 Howe, Benjamin F.

Spooner, Alonzo W.  
 Spooner, Daniel A.  
 Thornton, R. Udell

#### Weighers of Boilers and Heavy Machinery

Alexander, Charles A.  
 Akin, Charles G.  
 Anderson, John  
 Booth, Charles H. W.  
 Briggs, Arthur S.  
 Burns, Mary J.  
 Blossom, Alonzo C.  
 Bowman, Fred G.  
 Barrows, Fred D.  
 Calverly, James W.

Crawford, Samuel G.  
 Chase, William H.  
 Curtis, Daniel J.  
 Carroll, Edward J.  
 Cyka, Peter  
 Chase, Nathan P.  
 Clark, Henry  
 Coe, William A.  
 Cobb, George S.  
 Cobb, George A.

Draper, Josiah F.	Pierce, Nathaniel E.
Dyson, Nellie	Potter, John L.
Day, Thomas E.	Pease, Luther M.
Foley, Patrick J.	Pontbriand, Oscar
Foley, Edward T.	Robinson, Leslie P.
Francis, William H.	Ross, Samuel
Franklin, Clarence N.	Ryan, Ambrose J.
Gifford, William E.	Rogers, Henry V.
Gray, Charles A. Jr.	Rose, William G.
Goldthwait, Bradley D.	Roy, Romuald J.
Heath, George	Robinson, Frank J.
Hutchings, Walter C.	Reynolds, William
Hayden, Edward D.	Rourke, William
Howard, John W.	Ratcliffe, Ralph
Hindle, William	Rounds, Minerva M.
Heyliger, Robert	Sampson, Charles A.
Horsley, Frank	Sullivan, William H.
Johnson, Albion C.	Sylvia, Manuel
Jacobs, Meda	Santos, Manuel A.
Johnson, Robert I.	Sayles, Harry D.
King, Joseph F.	Sullivan, Mike
Kenyon, Walter A.	Shaw, Chauncey L.
Keane, Paul F.	Smith, Harry
Lowe, Charles T.	Stokoe, George
Lawrence, Alton A.	Terry, Stanley W.
Luce, Joseph A.	Taylor, Samuel
Lindsay, Robert	Tripp, Desmond W.
Lee, John	Tripp, Lewis S.
Mello, Manuel C. de	Tripp, Jabez D.
Morton, Walter S.	Travers, Charles I.
Moore, John H.	Wilson, Wallace B.
Macomber, James S.	Weeks, John L.
Matthews, Harry G.	Winterbottom, Edward
Moore, Joseph E.	Walker, Sam R.
Neves, Rose	Wilkinson, Thomas
Potter, William H.	Wilkinson, James
Phinney, George H.	Winn, Thomas P.
Pedro, William	Young, Orville E.

### Special Police

Appointed between June 1, 1924—June 1, 1925

Allen, Harry	Benoit, Arthur
Adams, Andrew J.	Brownell, Harold R.
Alves, John	Bochman, Albin E.
Arruda, Antone P.	Belanger, John B.
Ashley, William L.	Burt, Walter H.
Ames, Merle L.	Belanger, Lucien
Almond, Milton M.	Bernier, John
Andrews, Arthur F.	Backus, Henry D.
Avila, Joseph P.	Bolton, Walter F.
Adams, John O.	Black, George
Bence, Frederick W.	Borden, George B.
Butler, Herbert F.	Baldwin, Lewis D.

Bryne, James	Heroux, Joseph Z.
Butler, George H.	Hall, George J.
Boyer, George	Hankerson, James
Bergen, William Francis	Hersey, Charles F.
Cornell, Edmund M.	Heath, George R.
Cordeiro, Manuel	Helme, Robert Godfrey
Cote, Hormidas	Healey, William
Coleman, George B.	Hall, Andrew M.
Cook, James	Haskell, Elmer
Costa, John R.	Heyes, John L.
Crocker, Evan S.	Irwin, James
Chamberlain, James F.	Joseph, Harrison W.
Chase, Elliot C.	Johnson, Joseph F.
Carpenter, William E. C.	King, Joseph F.
Dean, Sylvester A.	Kelly, Andrew J.
DeCosta, Anthony L.	Kelly, John
Dunton, William V.	Lopes, Frank
Davis, Alfred A.	Lawrence, John D.
Davis, William T.	Lemaire, Henry
Duffy, John E.	Lasell, Herbert F.
Davis, Edwin T.	Lemery, Arcade
DeVoll, Roland Gardner	Lawton, Henry C.
Denham, Joseph H.	Latimer, James
DeSimes, Joseph	Lemos, Manuel
Doyon, Samuel	Leonard, Joseph P.
Derchaineau, Joseph A.	Lewis, Manuel
Duckworth, Frederick E.	Lowrie, George H.
Davignon, Romeo	Lyons, William H.
Embersen, George	Lefebore, Michel
Enos, Francis	Lamontagne, Emile
Foy, John	Martin, Arthur L.
Fallows, Richard T.	Matthews, Henry G.
Flora, Manuel	McKim, Samuel
Foy, John	Morris, Thomas
Frasier, Manuel F.	Maye, James H.
Fredette, Francis H.	Miller, Samuel
Fortin, Alphonse	Masson, Charles
Fitzgerald, John	McAfee, William M.
Foisy, Prosper, Jr.	Marcotte, Elisee P.
Foster, Antone	Meade, Leonard John
Frasier, John E.	McMahon, Wm. J.
French, Fred E.	Marcoux, Arcade
Furtado, Manuel J.	Marcotte, Anthony
Grew, John W.	Mallon, John
Goss, Robert A.	Morse, Frank S.
Gilmore, William C.	McCann, Frank
Gonsalves, Joseph	Marshall, Charles J.
Gregoire, Philias	Mercer, William
Hughes, William	McDermott, Charles
Heap, John R.	Morency, William J.
Holt, James W.	Mason, Joseph E.
Hartley, Thomas	Newton, James W.
Hardy, Daniel	Newman, Harry
Hanna, Stephen S.	Openshaw, Wm. T.
Hammond, Henry W.	Ouillette, Leo E.



O'Brien, William  
Palardy, Napoleon  
Parkinson, James  
Petty, Benjamin H.  
Poirier, Ovila  
Perry, Stephen J.  
Pemberton, Levi  
Patnaude, George  
Potvin, Joseph  
Pisarczyk, John  
Platt, Joseph  
Perry, Elijah L.  
Pearson, Daniel  
Poineau, Arthur  
Rush, Maynard F.  
Rogers, Henry Vera  
Reynolds, William  
Rogers, Joseph F., Jr.  
Ross, Charles C.  
Raulins, Arthur J.  
Reagan, Richard P.  
Richard, Joseph  
Rivard, Elmo P.  
Ryan, Ambrose J.  
Ramos, Antonio  
Rose, Manoel  
Rebello, Manuel  
Robert, Edward  
Rourke, William P.  
Rawcliffe, Walter  
Roy, Romuald J.  
Stowell, Herbert B.  
Souza, Joao Goncalves de

Sargent, William A.  
Sheffield, John P.  
Sylvia, Joseph F.  
Sharples, William  
Smith, Alvin J.  
Stevenson, Henry A.  
Smith, John T.  
Sharpe, Harold Coddington  
Sundin, Carl A.  
Shields, John P.  
Sylvia, John F.  
Sylvia, Peter  
Sylvia, Manuel E.  
Tripp, Bradford D.  
Taylor, George S.  
Thayer, Don  
Thayer, Wallace T.  
Thompson, Arthur C.  
Thomas, Sillis  
Tavares, John  
Teixeira, Manuel Rose  
Toomey, Timothy G.  
Tate, Andrew  
Teachman, Albert  
Ucker, Henry J.  
Vera, Lawrence  
Welds, Peter P.  
Walker, Sam R.  
Wrigley, William  
Walton, Thomas E.  
Wilbur, Frank S.  
Wehoskey, Everett A.  
Young, Henry D.

## ELECTION OFFICERS.

Term of Office Expires September 1, 1925.

\*Star indicates qualification. All officers must qualify before serving. Deputies serve in place of absent regulars when possible.

## WARD 1, PRECINCT A

## Regular

*1	Warden	HENRY FOURNIER	R	318 Earle St.
*2	Clerk	HELEN T. POLLOCK	D	276 Earle St.
*3	Inspector	CLOTILDA KOBZA	R	92 Tallman St.
*4	"	LILLIAN GAOUETTE	D	272 Shaw St.
*5	"	JOSEPH Z. BOUCHER	R	263 Collette St.
*6	"	JOSEPHINE VALLIER	D	1498 Acushnet Ave.

## Deputies

*1	Warden	U.L.D. H. DESROSIERS	R	223 Phillips Ave.
2	Clerk	WILLIAM BESSETTE	D	171 Ashley Blvd.
*3	Inspector	M'RG'T A. ASHWORTH	R	98 Tallman St.
*4	"	GEORGE LeBOEUF	D	35 Nye St.
*5	"	E. ANTON. PICHETTE	R	147 Tallman St.
*6	"	ALBERT SMITH	D	130 Church St.

## WARD 1, PRECINCT B

## Regular

*1	Warden	CHARLES K. LEWIN	R	243 Wood St.
2	Clerk	ERNEST DUPONT	D	367 Sawyer St.
*3	Inspector	ANDREW C. CONN	R	139 Holly St.
*4	"	LAURA E. PROVOST	D	112 Belleville Rd.
*5	"	DELIA J. GIRARD	R	91 Bullard St.
*6	"	R. DeL. BLANCHETTED	R	197 Nash Road

## Deputies

*1	Warden	ALFRED BOLTON	R	331 Tinkham St.
*2	Clerk	AD. A. NORMANDIN	D	292 Coffin Ave.
*3	Inspector	SALVINA MILLETTE	R	188 Earle St.
4	"	SARAH C. LAMOTHE	D	1458 Acushnet Ave.
*5	"	LILIAN M. MARSHALL	R	193 Harwich St.
*6	"	ELLEN BOWLER	D	72 Hathaway St.

**WARD 1, PRECINCT C****Regular**

*1	Warden	JOHN PILKINGTON	D	116 Hathaway St.
*2	Clerk	LOUIS J. ROBITAILLER	R	307 Ashley Blvd.
*3	Inspector	WILLIAM HODGSON	D	276 Collette St.
*4	"	MARY E. McKENZIE	R	116 Hathaway St.
*5	"	MICH'L FITZPATRICK	D	87½ Hathaway St.
*6	"	ADELINA QUERY	R	1814 Acushnet Ave.

**Deputies**

*1	Warden	LOUIS N. FREDETTE	D	156 Davis St.
2	Clerk	JOSEPH A. GENDRON	R	304 Collette St.
*3	Inspector	KATHERINE WHALEN	D	363 No. Front St.
*4	"	JOHN KELLEY	R	123 Clifford St.
*5	"	EMMA A. HATCH	D	116 Belleville Rd.
*6	"	LAURA A. PAQUIN	R	156 Davis St.

**WARD 1, PRECINCT D****Regular**

*1	Warden	ERNEST A. DUNHAM	D	138 Deane St.
*2	Clerk	PHILIAS VALLIER	R	1498 Acushnet Ave.
*3	Inspector	WM. BEAUREGARD	D	189 Ashley Blvd.
*4	"	ERNEST H. BOUCHER	R	150 Deane St.
*5	"	ANNINA PLANTE	D	200 Collette St.
6	"	RUTH R. KELLEY	R	208 Davis St.

**Deputies**

*1	Warden	ALIDA FREDETTE	D	156 Davis St.
*2	Clerk	IGNA. FRANCISCO, Jr.	R	305 Earle St.
3	Inspector		D	
*4	"	ALB. CHARPENTIER	R	146 Deane St.
*5	"	EL. DAVENPORT	D	341 Davis St.
*6	"	ELIZA. A. WALSH	R	276 Earle St.

**WARD 1, PRECINCT E****Regular**

*1	Warden	DOLOR A. HOULE	R	222 Shaw St.
*2	Clerk	FRED. W. ROSCOW	D	284 Collette St.
*3	Inspector	CHAS. E. FOURNIER	R	189 Tinkham St.
*4	"	EST. V. WESTGATE	D	3925 Acushnet Ave.
*5	"	CATHERINE WALSH	R	41 Covell St.
*6	"	PETER T. JEFFRIES	D	82 Glennon St.

**Deputies**

*1	Warden	DIEUD. MAILLOUX	R	146 Deane St.
*2	Clerk	WILLIAM BIBBY	D	1345 Ashley Blvd.
*3	Inspector	HENRI CHARPENTIER	R	140 Central Ave.
*4	"	PETER J. MCGREGOR	D	465 Ashley Blvd.
5	"	GEO. H. C. MOHER	R	464 Ashley Blvd.
6	"		D	



**WARD 1, PRECINCT F****Regular**

*1	Warden	HERBERT W. SUTTON	R	374 No. Front St.
2	Clerk	JEAN A. FORAND	D	340 Ashley Blvd.
*3	Inspector	PHILIAS GREGOIRE	R	1566 Acushnet Ave.
*4	"	CLARA MEAL	D	122 Whitman St.
*5	"	EDITH JENKINSON	R	1848 Acushnet Ave.
*6	"	M. DOROTHY COX	D	464 Ashley Blvd.

**Deputies**

*1	Warden	THOMAS BREWER	R	4661 Acushnet Ave.
*2	Clerk	MARION H. SUTTON	D	374 No. Front St.
*3	Inspector	HENRY QUINTIN	R	333 Ashley Blvd.
*4	"	MARY FITZPATRICK	D	87½ Hathaway St.
*5	"	ELIZ. M. WARD	R	227 Irvington St.
*6	"	THERESA COX	D	464 Ashley Blvd.

**WARD 1, PRECINCT G****Regular**

*1	Warden	OTIS A. SISSON	R	3913 Acushnet Ave.
*2	Clerk	ALICE E. PERRAULT	D	48 Brewster St.
*3	Inspector	DANIEL A. SPOONER	R	3247 Acushnet Ave.
*4	"	FRIDOLIN SENFT	D	237 Belleville Rd.
*5	"	VALERIE CHENEL	R	17 Fielding St.
*6	"	SARAH A. FORBES	D	21 Rochambeau St.
*7	"	MARY E. WASHBURN	R	2443 Acushnet Ave.
*8	"	FRED. H. ROSCOW	D	259 Ashley Blvd.

**Deputies**

*1	Warden	RALPH H. MARSHALL	R	193 Harwich S.
*2	Clerk	ANT. BERGERON	D	187 Hersom St.
3	Inspector	ERNEST PAYTON	R	111 Tallman St.
4	"		D	
5	"		R	
6	"		D	

**WARD 1, PRECINCT H****Regular**

*1	Warden	W. F. D. LETHBRIDGE	R	292 Coffin Ave.
*2	Clerk	GEORGE H. GIFFORD	D	2453 Acushnet Ave.
*3	Inspector	MARY G. F. DAVIS	R	3837 Acushnet Ave.
*4	"		D	
*5	"	FRANK E. WASHBURN	R	2443 Acushnet Ave.
*6	"	MARTHA L. METCALF	D	239 Tarklin Hill Rd.
7	"	BURG. WOOLEY, Jr.	R	13 Felton St.
*8	"	ARSENE L. MAGNANT	D	234 Conduit St.

**Deputies**

1	Warden		R	
2	Clerk		D	
3	Inspector	ALBINI GALLANT	R	129 Princeton St.
4	"		D	
5	"	LENA KOBES	R	3627 Acushnet Ave.
6	"		D	

**WARD 2, PRECINCT A****Regular**

*1	Warden	THOMAS F. LEWIN	R	346 Sawyer St.
*2	Clerk	STEPH. H. SULLIVAN	D	253 Cedar Grove St.
*3	Inspector	BLANCHE BOURGET	R	102 Beetle St.
*4	"	KATH. M. O'BRIEN	D	178 Reynolds St.
*5	"	KATHERINE CALNAN	R	239 State St.
*6	"	JAMES CONWAY	D	6 Ashley Blvd.

**Deputies**

*1	Warden	PIERRE MANDEVILLE	R	2167 Purchase St.
*2	Clerk	MARY E. LEARY	D	103 Austin St.
*3	Inspector	RAOUL BESSETTE	R	1090 Acushnet Ave.
*4	"	JOHN E. COYLE	D	276 Coggeshall St.
*5	"	JOHN I. PETTY	R	14 Willow St.
*6	"	HENRY LaFRANCE	D	332 Sawyer St.

**WARD 2, PRECINCT B****Regular**

*1	Warden	ALBERT BOURGET	R	102 Beetle St.
*2	Clerk	ANNIE BANNON	D	228 State St.
*3	Inspector	ERNEST S. DAVIGNON	R	451 Coggeshall St.
*4	"	MARY E. SULLIVAN	D	8 Clarke St.
*5	"	TERESA H. HOLLIHAN	R	91 Vine St.
*6	"	KATH. A. DENHAM	D	62 Peckham St.

**Deputies**

*1	Warden	JOSEPH D. DELANO	R	14 Reynolds St.
*2	Clerk	ROSA MOQUIN	D	102 Beetle St.
3	Inspector	JOHN CAMERON	R	958 County St.
4	"		D	
5	"	MARY E. WHALLEY	R	235 Austin St.
6	"		D	

**WARD 2, PRECINCT C****Regular**

*1	Warden	HECTOR E. SOLY	R	102 Mt. Pleasant St.
*2	Clerk	JOHN HOLLIHAN	D	411 Cedar St.
*3	Inspector	WALT. WILKINSON	R	12 Trinity St.
*4	"	MARY CALNAN	D	239 State St.
*5	"	KATHERINE T. PAYNER	R	1412 Pleasant St.
*6	"	EMILY A. BONNEAU	D	629 Cottage St.

**Deputies**

*1	Warden	FRANCIS A. LANG	R	864 County St.
*2	Clerk	HAROLD J. VINCENT	D	206 State St.
*3	Inspector	AD. G. de RAVIGNON	R	39 Sycamore St.
4	"	FLORENCE MORRIS	D	1453 Pleasant St.
*5	"	ANNIE NOLAN	R	10 Highland St.
6	"		D	

**WARD 2, PRECINCT D****Regular**

*1	Warden	JAMES S. McGRATH	D	71 Willow St.
*2	Clerk	JAMES F. HALLORAN	R	11 Reynolds St.
3	Inspector	JOSEPH A. VINCENT	D	206 State St.
*4	"	ANNA E. THERIEN	R	102 Mt. Pleasant St.
*5	"	LILLIAN KANE	D	40 Vine St.
*6	"	ALICE M. STARKIE	R	105 Hazard St.

**Deputies**

*1	Warden	MAURICE H. RONAN	D	243 State St.
*2	Clerk	VIOLA DORE	R	1101 County St.
*3	Inspector	CHRISTINE BARBER	D	243 State St.
*4	"	WILLIAM J. RILEY	R	536 Summer St.
5	"		D	
*6	"	CAROLINE GRINNELL	R	170 Willow St.

**WARD 2, PRECINCT E****Regular**

*1	Warden	EDW. H. McELENY	R	36 Myrtle St.
*2	Clerk	MARY E. LEARY	D	103 Austin St.
*3	Inspector	EDW. T. MAHONEY	R	608 Summer St.
*4	"	JOHN J. PURCELL	D	51 Vine St.
*5	"	ELLA B. HEBERT	R	161 Adams St.
*6	"	ALBINA MAHON	D	21 Reynolds St.

**Deputies**

*1	Warden	ALPHONSE G. HEBERT	R	161 Adams St.
*2	Clerk	GEORGE MASON	D	56 Willow St.
*3	Inspector	J. SWINDLEHURST	R	167 Richmond St.
*4	"	ANNA I. GREEN	D	553 Coggeshall St.
*5	"	MARY QUINN	R	237 State St.
*6	"	SADIE DOWNEY	D	576 Summer St.

**WARD 2, PRECINCT F****Regular**

*1	Warden	MICH'L J. HURLEY	D	49 Vine St.
*2	Clerk	EDW. P. ASHWORTH	R	570 Summer St.
*3	Inspector	EDWARD M. MURPHY	D	8 Glover St.
*4	"	MARY A. CROOKS	R	594 Coggeshall St.
*5	"	ALICE M. CAWLEY	D	18 Vine St.
*6	"	ALICE M. BARBER	R	128 Clark St.
*7	"	HUGH J. KERR	D	8 Glover St.
*8	"	ARTHUR W. BARTLE	R	5 Linden St.

**Deputies**

*1	Warden	M. A. HARRINGTON	D	682 Cottage St.
*2	Clerk	EUGENE W. SOUGNEZ	R	518 Coggeshall St.
*3	Inspector	ALICE M. REDDY	D	65 Mt. Pleasant St.
4	"		R	
*5	"	EDITH GURL	D	551 Sawyer St.
*6	"	JEN. A. RICHARDSON	R	255 Austin St.



## MUNICIPAL REGISTER

## WARD 2, PRECINCT G

## Regular

*1	Warden	JOHN J. TOOMEY, Jr.	D	16 Ashland Ter.
*2	Clerk	ALFRED P. BERARD	R	526 Summer St.
*3	Inspector	EDWARD MAYNARD	D	239 Austin St.
*4	"	ISABEL W. LAW	R	210 Austin St.
*5	"	LORETTA HURLEY	D	49 Vine St.
*6	"	MABEL I. CHASE	R	205 Shawmut Ave.
*7	"	ELSIE L. BRAGA	D	690 Cottage St.
*8	"	ALFRED TAYLOR	R	37 Bullock St.

## Deputies

1	Warden	JOSEPH BOOTH	D	33 Trinity St.
*2	Clerk	MARIA R. DION	R	78 Mt. Pleasant St.
3	Inspector		D	
*4	"	HANNAH P. ROBINSON	R	132 Clark St.
*5	"	INA SOWLE	D	73 Mt. Pleasant St.
*6	"		R	

## WARD 3, PRECINCT A

## Regular

1	Warden		D	
*2	Clerk	CHARLES A. HALL	R	1207 Pleasant St.
*3	Inspector	PATRICK J. NORTON	D	497 West Middle St.
*4	"	ELIZABETH MURPHY	R	428 Chancery St.
*5	"	ANNA G. RICKETSON	D	42 Keene St.
*6	"	EMMA M. CASWELL	R	49 Smith St.

## Deputies

*1	Warden	DENNIS CONNOR	D	134 Willis St.
*2	Clerk	MARY G. BABBITT	R	130 Chestnut St.
3	Inspector	THOMAS J. CLYNES	D	1682 Purchase St.
*4	"	ANNIE A. BEETLE	R	76 Maxfield St.
*5	"	EMMA J. THOMAS	D	344 Cedar St.
*6	"	ALTA D. CASE	R	101 State St.

## WARD 3, PRECINCT B

## Regular

*1	Warden	JAMES H. BAMFORD	R	90 Merrimac St.
*2	Clerk	PHILIP MONTY, Jr.	D	1271 Pleasant St.
*3	Inspector	GLADYS ALLMOND	R	90 Merrimac St.
*4	"	MARY H. DOYLE	D	1181 Pleasant St.
*5	"	ETTA St. C. WRIGHT	R	96 Maxfield St.
*6	"	MARY M. COTTER	D	137 Summer St.

## Deputies

1	Warden	JAMES A. FANNING	R	301 Maxfield St.
*2	Clerk	FRANK CAMPBELL	D	33 Hillman St.
*3	Inspector	MARY B. KANE	R	384 Cottage St.
*4	"	KATHRYN E. DOYLE	D	1181 Pleasant St.
5	"	WINIFRED D. CROSBY	R	104 Hazard St.
6	"	THOMAS O'MALLEY	D	20 Franklin St.

**WARD 3, PRECINCT C****Regular**

*1	Warden	ARTHUR B. CASE	R	101 State St.
*2	Clerk	JOHN P. O'HARA	D	25 Richmond St.
*3	Inspector	PHILIP J. SHERMAN	R	665 County St.
*4	"	JOHN C. CLARKE	D	63 State St.
*5	"	SADIE H. DEXTER	R	56 Campbell St.
*6	"	L. C. BRIGHTMAN	D	76 Willis St.

**Deputies**

*1	Warden	PATRICK JOS. WADE	R	68 Walden St.
2	Clerk	JAMES J. FINN	D	61 North St.
*3	Inspector	ELIZ. M. JOHNSON	R	8 Franklin St.
*4	"	MARY PALMER	D	69 Sycamore St.
5	"	MARY E. O'MALLEY	R	511 Cottage St.
6	"	ELIZ. C. HAGGERTY	D	107 Chestnut St.

**WARD 3, PRECINCT D****Regular**

*1	Warden	STEPHEN B. ARNOLD	R	525 Cottage St.
2	Clerk	WILLIAM E. MURRAY	D	117 Willis St.
*3	Inspector	WALTER S. MacPHAIL	R	304 Summer St.
*4	"	LAURA CULHANE	D	299 Summer St.
*5	"	ELIZABETH M. YATES	R	151 Merrimac St.
*6	"	J. F. FITZSIMMONS	D	41 Campbell St.

**Deputies**

*1	Warden	CHARLES L. DAVIS	R	49 Maitland St.
2	Clerk	GERTRUDE K. RYAN	D	563 Cottage St.
*3	Inspector	CLARA L. YORK	R	123 Cedar St.
*4	"	ELIZ. L. HARRINGTON	D	57 Parker St.
*5	"	FLORENCE WALLACE	R	68 Spruce St.
*6	"	JOHN M. COLEMAN	D	365 North St.

**WARD 3, PRECINCT E****Regular**

*1	Warden	DANIEL J. SULLIVAN	D	100 Hillman St.
*2	Clerk	WILLIAM YORK	R	123 Cedar St.
*3	Inspector	JOHN J. BEGLEY	D	32 Maitland St.
*4	"	AMELIA M. TRASK	R	93 Sycamore St.
*5	"	MARGARET T. RYAN	D	131 Chestnut St.
*6	"	GAETANO SCIOLOINO	R	18 Hazard Ct.

**Deputies**

*1	Warden	JOHN C. BOSWELL	D	84 Merrimac St.
*2	Clerk	ANNA G. TURNER	R	407 Park St.
*3	Inspector	JAMES FANNING	D	71 Sycamore St.
*4	"	ELLA M. WHITESIDE	R	40 Keene St.
*5	"	SARAH G. COVILL	D	151 North St.
*6	"	ALICE A. RILEY	R	48 Shawmut Ave.

## WARD 3, PRECINCT F

## Regular

*1	Warden	FREDERICK W. BESSE	R	1101 Pleasant St.
*2	Clerk	EDWARD C. JOHNSON	D	36 Keene St.
*3	Inspector	H. P. HUMPHREY	R	201 Cedar St.
*4	"	ALBERT C. WELCH	D	623 County St.
*5	"	SUSAN L. TIMPERLEY	R	77 Smith St.
*6	"	KATHRYN TABER	D	20 Shawmut Ave.

## Deputies

1	Warden	FRANK C. GREENE	R	149 Newton St.
*2	Clerk	CLARENCE H. JONES	D	190 Campbell St.
*3	Inspector	CHESTER E. DAVIS	R	89 State St.
*4	"	MILDRED WHALLEY	D	165 Sycamore St.
5	"	CATH. M. DWYER	R	65 Spruce St.
6	"	HERB. W. BRIGHTMAN	D	76 Willis St.

## WARD 3, PRECINCT G

## Regular

*1	Warden	PETER F. SULLIVAN	D	527 Cottage St.
*2	Clerk	EDWARD H. CARTER	R	890 Pleasant St.
*3	Inspector	JENNIE C. DONAGHY	D	144 Cedar St.
*4	"	NORA K. STOWELL	R	319 Park St.
5	"	ELCY O. MARSHALL	D	123 Parker St.
*6	"	CLARA A. GAMMONS	R	254 Maxfield St.

## Deputies

1	Warden	WILLIAM C. YOUNG	D	101 Maxfield St.
*2	Clerk	THOMAS YATES	R	264 Hillman St.
*3	Inspector	ROBERT S. WEAVER	D	457 Chancery St.
*4	"	HOWARD N. DEXTER	R	56 Campbell St.
*5	"	ELIZ. C. HAGGERTY	D	107 Chestnut St.
*6	"	DOROTHY A. ROSS	R	38 Keene St.

## WARD 4, PRECINCT A

## Regular

*1	Warden	PHILIP S. BRIGGS	D	483 County St.
*2	Clerk	LYN. M. BUFFINTON	R	39 Pierce St.
*3	Inspector	MARIE M. DUMOULIN	D	782 Rockdale Ave.
*4	"	J. ALF. DUMOULIN	R	782 Rockdale Ave.
*5	"	ALICE E. GRAY	D	285 Middle St.
*6	"	MABEL F. COOKE	R	30 Buttonwood St.

## Deputies

*1	Warden	WILLIAM T. DAVIS	D	95 High St.
*2	Clerk	FRANK. B. SHURTLEFF	R	59 Newton St.
3	Inspector		D	
*4	"	GEORGE J. HALL	R	82 School St.
5	"	ADELLE TREMBLAY	D	256 Union St.
*6	"	CLARA A. WALDRON	R	49 Mill St.

**WARD 4, PRECINCT B****Regular**

*1	Warden	OBED S. COWING	R	559 Kempton St.
*2	Clerk	C. E. ROCKEFELLER	D	144 Mill St.
*3	Inspector	AL. J. BERTHIAUME	R	339 Court St.
*4	"	MARY R. ELLIS	D	191 Kempton St.
*5	"	SARAH B. STONE	R	844 Pleasant St.
*6	"	MABEL E. REED	D	54 Court St.

**Deputies**

*1	Warden	ALMIRA A. SMITH	R	35 So. Emerson St.
2	Clerk		D	
3	Inspector	THOMAS DWYER	R	152 North St.
*4	"	VICTORIA VOYER	D	193 Middle St.
*5	"	LUCY M. BERNARD	R	5 Park Place
*6	"	LORENZO LEVESQUE	D	209 Middle St.

**WARD 4, PRECINCT C****Regular**

*1	Warden	EDWARD B. GRAY	D	285 Middle St.
*2	Clerk	MARY A. KENNEDY	R	114 Chancery St.
*3	Inspector	TERESA F. HARNEY	D	162 Rounds St.
*4	"	FRANK O. COVILL	R	390 Union St.
*5	"	ALBERT KENNEDY	D	114 Chancery St.
*6	"	ETHEL M. MAHONEY	R	773 Rockdale Ave.

**Deputies**

*1	Warden	MABEL F. RICKETSON	D	770 Kempton St.
*2	Clerk	CHARLES E. CARROLL	R	247 Middle St.
3	Inspector		D	
4	"		R	
*5	"	ANNIE E. DAFGARD	D	83 Tremont St.
*6	"	EDW. W. SLEIGHT	R	763 Kempton St.

**WARD 4, PRECINCT D****Regular**

*1	Warden	JOSEPH N. FINNI	R	644 Kempton St.
*2	Clerk	PETER J. RILEY	D	53 Morgan St.
*3	Inspector	EDWARD P. SADLER	R	45 So. Emerson St.
*4	"	JOS. L. FORRESTER	D	43 Foster St.
*5	"	MARY D. CARR	R	100 Morgan St.
*6	"	V. A. BERTHIAUME	D	339 Court St.

**Deputies**

*1	Warden	MARSHALL S. GREENER		223 Brownell St.
*2	Clerk	JOHN CARROLL	D	51 Liberty St.
*3	Inspector	JENNIE O'BRIEN	R	126 Park St.
*4	"	ELIZ. M. BUTLER	D	186 North St.
*5	"	J. K. McCAULEY	R	48 Mill St.
6	"		D	



**WARD 4, PRECINCT E****Regular**

*1	Warden	ANDREW TATE	D	399 Elm St.
*2	Clerk	NELLIE F. OLIVER	R	283 Kempton St.
*3	Inspector	WM. F. ROBERTSON	D	159 Park St.
*4	"	WILLIAM E. CARROLL	R	568 Kempton St.
*5	"	MARY G. BROWN	D	41 Pierce St.
*6	"	EMMA M. DAVIS	R	17 Chestnut St.

**Deputies**

*1	Warden	MARGARET M. BRADY	D	208 James St.
*2	Clerk	ROBERT F. BUNNELL	R	16 Jonathan St.
*3	Inspector	AGNES A. St. JACQUES	D	83 Liberty St.
*4	"	DELLA M. BOURNE	R	267 Cottage St.
*5	"	LEONARD C. GRAY	D	279 Court St.
*6	"	EVA WOOD	R	4 Pope's Island

**WARD 4, PRECINCT F****Regular**

*1	Warden	HERBERT E. MACY	D	507 Elm St.
*2	Clerk	JOS. H. SCHOFIELD	R	200 Tremont St.
*3	Inspector	PETER F. MULKERNE	D	93 Armour St.
*4	"	SAMUEL N. DONAGHY	R	610 Union St.
*5	"	JOSEPHINE TATE	D	399 W. Elm St.
*6	"	ELEAN. E. LINDSAY	R	96 Tremont St.

**Deputies**

*1	Warden	DENNIS CROWLEY	D	12 Lindsay St.
*2	Clerk	MABEL C. McCARTHY	R	353 Arnold St.
*3	Inspector	W. E. C. CARPENTER	D	403 Elm St.
*4	"	HELEN M. ANDERSON	R	119 Rounds St.
*5	"	MILD. R. BURNHAM	D	126 Armour St.
*6	"	KATHRYN D. ROURKE	R	275 Palmer St.

**WARD 4, PRECINCT G****Regular**

*1	Warden	HENRY A. GRAY	D	288 Palmer St.
*2	Clerk	HERB. C. HAMMOND	R	36 Florence St.
*3	Inspector	ADAM C. HENDERSON	D	484 Mill St.
*4	"	FREDERIC B. COOK	R	14 Junior St.
*5	"	FRED S. WORDELL	D	45 Pierce St.
*6	"	ETTA M. RICKETSON	R	218 Tremont St.
*7	"	ANNIE E. McISAAC	D	213 Court St.
*8	"	EMILY E. ABRAMS	R	237 Middle St.

**Deputies**

*1	Warden	JAMES H. TAYLOR	D	32 Atlantic St.
*2	Clerk	WEND. T. ELDREDGE	R	81 Armour St.
*3	Inspector	MELVIN I. BURNHAM	D	126 Armour St.
*4	"	BERTHA P. HASKELL	R	319 Reed St.
*5	"	M. E. ROBERTSON	D	159 Park St.
*6	"	JOHN W. BLENKIRON	R	88 Florence St.

**WARD 5, PRECINCT A****Regular**

1	Warden	CHARLES L. TARPEY	R	344 Orchard St.
*2	Clerk	GILBERT J. FRANCIS	D	91 Acushnet Ave.
*3	Inspector	JOSEPH A. CRONIN	R	240 Maple St.
*4	"	JAMES J. PAYTON	D	63 Washington St.
*5	"	MARGARET T. NOYER	R	297 Purchase St.
*6	"	WELCOME FIDDLER	D	245 Purchase St.

**Deputies**

*1	Warden	ELIZA M. WILKINSON	R	46 Ryan St.
2	Clerk		D	
3	Inspector		R	
4	"		D	
*5	"	V. A. CLAUDINO	R	69 Carroll St.
6	"		D	

**WARD 5, PRECINCT B****Regular**

*1	Warden	ROBERT J. CURRY	D	111 Grinnell St.
*2	Clerk	STELLA VERA	R	48 So. Sixth St.
*3	Inspector		D	
*4	"	A. C. GREGOIRE	R	236 County St.
*5	"	ELIZ. L. JACONTHO	D	117 Fair St.
6	"		R	

**Deputies**

*1	Warden	CHARLES C. NOURSE	D	94 Acushnet Ave.
*2	Clerk	E. M. BLANCHARD	R	123 Plymouth St.
3	Inspector		D	
4	"		R	
5	"		D	
*6	"	JESSE SOUZA	R	273 So. Second St.

**WARD 5, PRECINCT C****Regular**

*1	Warden	HADLEY A. BURT	R	297 Farm St.
*2	Clerk	JOSEPH CARNEY	D	34 Oak St.
*3	Inspector	MARY J. MEIN	R	29 Bonney St.
*4	"	KATE BRADLEY	D	32 Priscilla St.
*5	"	LUCY E. DIAS	R	366 County St.
*6	"	SARAH E. HART	D	88 Rockland St.

**Deputies**

1	Warden	MILDRED P. CORNELL	R	390 Arnold St.
*2	Clerk	VIRGINIA P. ROZA	D	176 Allen St.
*3	Inspector	ALFRED BOTELHO	R	130 Rockland St.
*4	"	JAS. T. GALLAGHER	D	32 Crapo St.
*5	"	AGNES BALDWIN	R	71 West St.
6	"		D	

## MUNICIPAL REGISTER

## WARD 5, PRECINCT D

## Regular

*1	Warden	WILLIAM T. JENNEY	R	170 Grinnell St.
*2	Clerk	CLIFTON P. TUELL	D	341 So. Orchard St.
*3	Inspector	MARY E. ABRAMS	R	67 Russell St.
*4	"	MARIA DESJARDINS	D	101 South St.
*5	"	LIZZIE V. KELLEY	R	158 Grinnell St.
*6	"	MARY H. MacDONALD	D	71 Bonney St.

## Deputies

*1	Warden	ARTH. W. WALMSLEY	R	239 Field St.
*2	Clerk	WM. C. DeMELLO, Jr.	D	157 Grinnell St.
3	Inspector		R	
*4	"	MABEL E. BRIGGS	D	89 Washington St.
*5	"	LEONORA KEANE	R	41 Wing St.
*6	"	ELLEN W. ALLEN	D	2 Warwick St.

## WARD 5, PRECINCT E

## Regular

*1	Warden	HENRY C. GRAY	D	75 Dartmouth St.
*2	Clerk	SAM SMITH	R	300 County St.
*3	Inspector	WILLIAM N. NELSON	D	48 Oak St.
*4	"	ETHEL A. WASHBURN	R	19 Sherman St.
*5	"	ISABEL M. KENNEDY	D	34 Oak St.
*6	"	ELIZ. R. BARTLETT	R	108 So. Seventh St.

## Deputies

1	Warden		D	
*2	Clerk	FRANCES T. WILSON	R	23 Sherman St.
3	Inspector	EVELYN E. TUELL	D	341 Orchard St.
4	"	FLORENCE S. FOSTER	R	125 So. Oak St.
*5	"	ELLEN W. ALLEN	D	2 Warwick St.
*6	"	A. F. ARSENAULT	R	10 Bay St.

## WARD 5, PRECINCT F

## Regular

*1	Warden	THOMAS F. GALLIGAN	R	63 Oak St.
*2	Clerk	HERBERT W. BLISS	D	72 Rotch St.
*3	Inspector	WILLIAM SHENNAN	R	27 Ocean St.
*4	"	NORMAN BARSTOW	D	326 Clinton St.
*5	"	IDA M. HOLMANS	R	68 Cottage St.
*6	"	ETHEL A. HUGGINS	D	15 Maplevue Ter.
7	"	MARY E. DOWNEY	R	89 Acushnet Ave.
*8	"	AGNES BALDWIN	D	71 West St.

## Deputies

*1	Warden	HELEN M. DOANE	R	326 Arnold St.
*2	Clerk	GILBERT J. FRANCIS	D	91 Acushnet Ave.
*3	Inspector	MARY J. CONNICK	R	58 Washington St.
*4	"	MARG'T. E. CAIRNS	D	46 Bay St.
*5	"	MILDRED L. TRIPP	R	58 Bedford St.
*6	"	BRADFORD D. TRIPP	D	46 Tremont St.

**WARD 5, PRECINCT G****Regular**

*1	Warden	JOHN J. McAVOY	D	131 Rockland St.
*2	Clerk	A. ETHEL MILLER	R	127 Maple St.
*3	Inspector	AUG. M. KENNEDY	D	86 Atlantic St.
*4	"	MARY J. CHACE	R	109 Bonney St.
*5	"	MARY CASSIDY	D	63 Washington St.
*6	"	ELIZABETH WATSON	R	20 Maplevue Ter.
7	"		D	
*8	"	ELIZ. D. HABICHT	R	73 Russell St.

**Deputies**

*1	Warden	JANE WORDEN	D	19 Fair St.
2	Clerk	HADLEY A. BURT	R	397 Farm St.
*3	Inspector	LAURA J. DIMOND	D	18 Ryan St.
*4	"	MICHAEL KEAREY	R	68 Oak St.
*5	"	MARG'T. GALLAGHER	D	32 Crapo St.
6	"	BERTHA CRUMLEY	R	68 Grape St.

**WARD 6, PRECINCT A****Regular**

*1	Warden	JOHN McGLADDERY	D	47 Briggs St.
*2	Clerk	JOHN H. RYAN	R	94 County St.
*3	Inspector	ALBERT PARR	D	126 Clara St.
*4	"	EDA B. KERSHAW	R	168 County St.
*5	"	MARY E. SHEA	D	805 So. Water St.
*6	"	HEL'NA S. BARTHOLO	R	128 Rivet St.

**Deputies**

1	Warden		D	
*2	Clerk	MARY V. BUCKLEY	R	59 Willard St.
3	Inspector		D	
*4	"	FREIDA T. SIMPSON	R	182 County St.
*5	"	MARY E. O'DONNELL	D	878 So. Water St.
*6	"	MARY McCARTHY	R	13 Scott St.

**WARD 6, PRECINCT B****Regular**

*1	Warden	LEONARD McDONALD	R	89 Ellen St.
*2	Clerk	THOS. BRETHERTON	D	130 Crapo St.
*3	Inspector	JOHN KILBRIDE	R	124 Potomska St.
*4	"	ANN DOWD	D	800 So. First St.
*5	"	M. M. TRIPANIER	R	4 Social St.
*6	"	WILLIAM CONNULTY	D	13 Ashley St.

**Deputies**

*1	Warden	SYLV. E. MANNING	R	157 County St.
*2	Clerk	JAMES H. KELLEY	D	74 Washington St.
*3	Inspector	ANTONIO FLORIO, Jr.	R	131 Crapo St.
4	"		D	
*5	"	SARAH A. PIERCE	R	630 So. First St.
6	"		D	



**WARD 6, PRECINCT C****Regular**

*1	Warden	J. B. L. WATERHOUSE	R	451	Rivet St.
*2	Clerk	WILLIAM B. MONIZ	D	131	Crapo St.
*3	Inspector	ELIZA F. BEDFORD	R	190	R. French Bd.W
*4	"	CHARLES St. PIERRE	D	105	Hemlock St.
*5	"	AGNES A. HYNES	R	91	Valentine St.
*6	"	LILLIAN BOWEN	D	465	Bolton St.

**Deputies**

*1	Warden	WRIGHT TAYLOR	R	102	Frederick St.
2	Clerk		D		
*3	Inspector	ZILLAH TAYLOR	R	102	Frederick St.
4	"		D		
5	"		R		
*6	"	BERTHA V. GATENBY	D	48	Bourne St.

**WARD 6, PRECINCT D****Regular**

*1	Warden	E. P. BERTHIAUME	R	189	Blackmer St.
*2	Clerk	RAY. F. WILLIAMS	D	17	Social St.
3	Inspector	JOHN S. HARRISON	R	124	Hemlock St.
*4	"	MARY F. DUPORT	D	190	Dartmouth St.
5	"	MART. NIGHTINGALE	R	31	County St.
*6	"	HARRIET H. HART	D	120	Hemlock St.

**Deputies**

*1	Warden	STAN. BENJAMIN	R	283	Rivet St.
*2	Clerk	EVERETT PERRY	D	468	Rivet St
*3	Inspector	JAS. A. HEMINWAY	R	42	Swift St.
4	"		D		
*5	"	ANNIE S. CASEY	R	509	Rivet St.
6	"		D		

**WARD 6, PRECINCT E****Regular**

*1	Warden	ANTHONY GERARDI	D	314	Rivet St.
*2	Clerk	ZEPHIR J. ROBERTS	R	85	Jouvette St.
*3	Inspector	ARTHUR WOOLEY	D	792A	Brock Ave.
*4	"	NELLIE G. DONAGHY	R	16	Briggs St.
*5	"	JOHN E. CARNEY	D	36	Salisbury St.
*6	"	A. H. FOURNIER	R	186	Cove St.

**Deputies**

1	Warden		D		
2	Clerk	JAMES NIGHTINGALE	R	31	County St.
*3	Inspector	AMELIA PERRY	D	116	Fruit St.
*4	"	MARGARET QUINN	R	24	Juniper St.
*5	"	CATHERINE COLLINS	D	13	McGurk St.
*6	"	MARY CONNELLY	R	84	Rodney St.

**WARD 6, PRECINCT F****Regular**

*1	Warden	OWEN J. DOWD	D	800 So. First St.
*2	Clerk	MARGARET J. BARRY	R	391 Orchard St.
*3	Inspector	WILLIAM B. CROSS	D	82 Aquidneck St.
*4	"	LAURA DOYLE	R	70 Ruth St.
*5	"	ROBERT H. ADAMS	D	82 Bellevue St.
*6	"	ETHEL GRIMSHAW	R	190 R. French Bd. w

**Deputies**

*1	Warden	EVA ADAMS	D	103 David St.
*2	Clerk	MARY A. HAYTON	R	44 Salisbury St.
*3	Inspector	MARY A. COLLINS	D	837 So. First St.
*4	"	JANE McGOWEN	R	49 Roosevelt St.
*5	"		D	
*6	"	MARGARET ROONEY	R	16 Morton Ct.

**WARD 6, PRECINCT G****Regular**

*1	Warden	NAPOLEON GREGOIRER	D	20 Nelson St.
*2	Clerk	LUDGER LAVOIE	D	57 Capitol St.
*3	Inspector	THOMAS CROOK	R	63 Fruit St.
*4	"	MARY J. ARNETT	D	28 Cove St.
*5	"	NELLIE BRIERLY	R	50 Larch St.
*6	"	AMY ADAMS	D	83 Calumet St.

**Deputies**

*1	Warden	EMILY PARKINSON	R	140 Norman St.
*2	Clerk	EVA SICARD	D	28 McGurk St.
*3	Inspector	WINIFRED E. SYLVIA	R	77 Oaklawn St.
*4	"		D	
*5	"	ANNIE KELLETT	R	130 Division St.
*6	"		D	

**WARD 6, PRECINCT H****Regular**

*1	Warden	JAMES KINCAID	D	119 Ruth St.
*2	Clerk	G. PENDELBURY	R	113 Division St.
*3	Inspector	LEO WILLIAMS	D	17 Social St.
*4	"	MILD. N. DONNELLY	R	7 Ashley St.
*5	"	PAUL FORAND	D	82 Nelson St.
*6	"	ARZELIA FORTIER	R	64 R. French Bd. w.

**Deputies**

*1	Warden	JOSEPH T. MEDEIROS	D	40 Mosher St.
*2	Clerk	FRANK WILLIAMS	R	17 Social St.
*3	Inspector	AGNES A. DONNELLY	D	835 So. First St.
*4	"	ETHEL SEDDON	R	568 Brock Ave.
*5	"	EDNA LANGEVIN	D	34 Viall St.
*6	"	JANE A. CHAPMAN	R	126 David St.

**WARD 6, PRECINCT I****Regular**

*1	Warden	JAMES H. SIMPSON	R	922 So. Water St.
*2	Clerk	JOHN B. ROBERTS	D	863 Brock Ave.
*3	Inspector	JOHN D. TOWNLEY	R	28 Mosher St.
*4	"	MARY E. DOWD	D	800 So. First St.
*5	"	WILLIAM LAMBERT	R	213 Aquidneck St.
*6	"	CHRISTINE KINNIERY	D	66 Capitol St.
*7	"	MARG'T BLACKLEDGE	R	107 Rodney St.
*8	"	EVA ADAMS	D	103 David St.

**Deputies**

*1	Warden	HERBERT CHARNLEY	R	683 Brock Ave.
*2	Clerk	ADELARD PARADIS	D	571 Second St.
*3	Inspector	EMILY R. MONIZ	R	100 Jouvette St.
*4	"		D	
*5	"	JOHN D. SYLVIA	R	167 County St.
*6	"	MARY MURPHY	D	42 Dudley St.

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## WARD LINES

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN,

December 23, 1914.

ORDERED, That in conformity with the Revised Laws of Massachusetts, and under authority of Chapter 676 of the Acts of the Legislature in the year 1914, the several wards of the city be and they hereby are divided and established according to the following described lines, said division and designation to take effect as prescribed by Section 4 of said Chapter 676 of 1914:

Ward One—All that portion of the city lying north and east of a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and drawn through the middle of Sawyer Street to the westerly line of the location of the Old Colony Railroad; thence northerly and westerly in that line and in the southerly line of the Watuppa Branch of the Old Colony Railroad to the line between the City of New Bedford and the Town of Dartmouth.

Ward Two—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of the following streets, namely:

Wamsutta, Purchase, Austin, County, Hazard, Summer, Robeson and the last named line extended to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of Sawyer Street to the westerly line of the location of the Old Colony Railroad; thence northerly and westerly in that line and in the southerly line of the Watuppa Branch of the Old Colony Railroad to the line between the City of New Bedford and the Town of Dartmouth.

Ward Three—All that portion of the city lying between a line beginning at a point in the Acushnet River at the line between the City of New Bedford and the Town of Fairhaven, and passing north of Popes and Fish Islands, and thence through the middle line of the following streets, namely: North, Newton, Mill and Kempton to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and drawn through the middle of the following streets, namely Wamsutta, Purchase, Austin, County, Hazard, Summer, Robeson, and the last named line extended to the line between the City of New Bedford and the Town of Dartmouth.

Ward Four—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and passing south of Popes and Fish Islands, and thence through the middle of the following streets, namely: Walnut, County and Arnold, to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven passing north of Popes and Fish Islands, and thence through the middle line of the following streets, namely North, Newton, Mill and Kempton to the line between the City of New Bedford and the Town of Dartmouth.

Ward Five—All that portion of the city lying between a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven and passing north of Palmers Island; thence through the middle of the following streets, namely: Potomska, Purchase, Thompson, Bonney and Rockland; thence westerly across the Rural Cemetery and through the middle of Winterville Road to the line between the City of New Bedford and the Town of Dartmouth, and the line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven, and passing south of Popes and Fish Islands, and thence through the middle of the following streets, namely: Walnut, County and Arnold, to the line between the City of New Bedford and the Town of Dartmouth.

Ward Six—All that portion of the city lying south of a line beginning at a point in the Acushnet River in the line between the City of New Bedford and the Town of Fairhaven



and passing north of Palmers Island; thence through the middle of the following streets, namely: Potomska, Purchase, Thompson, Bonney and Rockland; thence westerly across the Rural Cemetery and through the middle of Winterville Road to the line between the City of New Bedford and the Town of Dartmouth.

In Board of Aldermen, Dec. 23, 1914. Adopted and sent down for concurrence.

In Common Council, Dec. 23, 1914. Concurred.

Presented to and approved by the Mayor, Dec. 24, 1914.

A true copy, attest:

W. H. B. REMINGTON, City Clerk.

#### EXTRACT FROM LAW.

Section 4 of Chapter 676 of the Acts of 1914, entitled "An Act relative to the re-division of cities into wards and voting precincts," is as follows:

#### Chapter 676, Acts 1914.

"Section 4. Said Chapter eight hundred and thirty-five is hereby further amended by striking out section two hundred and nineteen and inserting in place thereof the following new section: Section 219. For all elections held prior to the annual state primary in the second year following a re-division of a city into wards, and for the assessment of taxes prior to such time, the wards as existing prior to such re-division shall continue, and for such purposes the election officers shall be appointed and hold office, and voting lists shall be prepared, and all other things required by law shall be done as if no such re-division had been made. For all other purposes, the new division shall take effect on the thirty-first day of December of the year when it is made."

W. H. B. REMINGTON, City Clerk.

## NEW PRECINCT LINES

1921.

CITY OF NEW BEDFORD,

City Clerk's Office, Feb. 9, 1921.

The following order, making a division of the wards of the City of New Bedford, as established by the City Council, Dec. 24, 1914, into precincts is hereby published for the information of the inhabitants:—

W. H. B. REMINGTON,  
City Clerk.

### ORDER FOR DIVISION OF WARDS.

CITY OF NEW BEDFORD.

In Board of Aldermen, Feb. 9, 1921.

Ordered, That the wards of the City of New Bedford as established by the City Council of 1914, be and they hereby, are divided into voting precincts, as follows:

#### WARD ONE.

Precinct 1A—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Sawyer street, Purchase street, and Nye street to the Acushnet river.

Precinct 1B—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Nye street, Purchase street, Deane street, Quansett street, Coffin avenue, Belleville avenue and Phillips avenue to the Acushnet river.

Precinct 1C—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Phillips avenue, Belleville avenue, Coffin avenue, Quansett street, Deane street, the Old Colony Railroad location, Collette street, Acushnet avenue and Davis street to the Acushnet river.

Precinct 1D—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Davis street, Acushnet avenue, Collette street, the Old Colony Railroad location, Hathaway street, Acushnet avenue and Tinkham street to the Acushnet river.

Precinct 1E—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Tinkham street, Acushnet avenue, Hathaway street, the Old Colony Railroad location, Nash road, Bowditch street, Whitman street to the Acushnet river.

Precinct 1F—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Whitman street, Bowditch street, Nash road, the Old Colony Railroad location, Belleville road, Acushnet avenue and Hatch street to the Acushnet river.

Precinct 1G—All that part of ward 1 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Hatch street, Acushnet avenue, Belleville road, the Old Colony Railroad location, the Watuppa Branch of the Old Colony Railroad to the line between the City of New Bedford and the town of Dartmouth, thence along said line to Plainville road and through the centre lines of Plainville road, Tarkiln Hill road, Old Colony Railroad location, Irvington street, and Hadley street to the Acushnet river.

Precinct 1H—All that part of ward 1 lying north of the following described lines, viz.: Beginning at the Acushnet river and extending through the centre lines of Hadley street, Irvington street, the Old Colony Railroad location, Tarkiln Hill road and Plainville road.

#### WARD TWO.

Precinct 2A—All that part of ward 2 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Wamsutta street, Front street, Cedar Grove street, Bowditch street and Sawyer street to the Acushnet river.

Precinct 2B—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Sawyer street, Bowditch street, Cedar Grove street and Front street.

Precinct 2C—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Austin street, County street, Linden street, County street and Purchase street.

Precinct 2D—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Hazard

street, Summer street, Linden street, Reynolds street, the Old Colony Railroad location, County street, Linden street and County street.

Precinct 2E—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Linden street, Summer street, Coggeshall street, Myrtle street, the Old Colony railroad location and Reynolds street.

Precinct 2F—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Robeson street, Cedar street, Durfee street, Highland street, Hathaway road, the Old Colony railroad location, Myrtle street, Coggeshall street and Summer street.

Precinct 2G—All that part of ward 2 bounded by the following lines in sequence, viz.: The centre lines of Robeson street, and extension of Robeson street, to the line between the City of New Bedford and the town of Dartmouth, the said town line, the centre lines of Watuppa branch of Old Colony railroad, Hathaway road, Highland street, Durfee street and Cedar street.

#### WARD THREE.

Precinct 3A—All that part of ward 3 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of North street, Pleasant street, Pearl street, Purchase street and Wamsutta street, to the Acushnet river.

Precinct 3B—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Hill street, Hillman street, State street, Willis street, State street, Pearl street, County street, Austin street, Purchase street, Pearl street and Pleasant street.

Precinct 3C—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Summer street, Parker street, County street, Pearl street, State street, Willis street, State street, Hillman street and Hill street.

Precinct 3D—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of Parker street, Richmond street, Robeson street, Summer street, Hazard street and County street.

Precinct 3E—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Ash street, Sycamore street, Cedar street, Parker street and Summer street.



Precinct 3F—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Park street, Parker street, the easterly line of Oak Grove cemetery, the centre lines of Robeson street, Richmond street, Parker street, Cedar street, Sycamore street and Ash street.

Precinct 3G—All that part of ward 3 bounded by the following lines in sequence, viz.: The centre lines of North street, Newton street, Mill street and Kempton street to the line between the City of New Bedford and the town of Dartmouth, the said town line to point in continuation of Robeson street, and thence in centre line of Robeson street to easterly line of Oak Grove cemetery, the centre lines of Parker street and Park street.

#### WARD FOUR.

Precinct 4A—All that part of ward 4 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Walnut street, Purchase street and North street to the Acushnet river.

Precinct 4B—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre lines of Walnut street, County street, North street and Purchase street.

Precinct 4C—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre lines of Arnold street, Lincoln street, Union street, Cottage street, Court street, Cedar street, North street and County street.

Precinct 4D—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre lines of Arnold street, Chancery street, Kempton street, Park street, North street, Cedar street, Court street, Cottage street, Union street and Lincoln street.

Precinct 4E—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre lines of Arnold street, Ocean street, Union street, Newton street, Court street, Liberty street, Mill street, Newton street, North street, Park street, Kempton street and Chancery street.

Precinct 4F—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre lines of Arnold street, Brownell street, Court street, Florence street, Kempton street, Hunter street, Mill street, Liberty street, Court street, Newton street, Union street and Ocean street.

Precinct 4G—All that part of ward 4 bounded by the following lines in sequence, viz.: The centre line of Arnold street

to the line between the City of New Bedford and the town of Dartmouth, thence by said line, the centre lines of Kempton street, Mill street, Hunter street, Kempton street, Florence street, Court street and Brownell street.

#### WARD FIVE.

Precinct 5A—All that part of ward 5 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Potomska street, Purchase street, Thompson street, County street, Grinnell street, Acushnet avenue and Howland street to the Acushnet river.

Precinct 5B—All that part of ward 5 bounded by the following lines in sequence, viz.: The centre lines of Howland street, Acushnet avenue, Grinnell street, Sixth street and Walnut street to the Acushnet river.

Precinct 5C—All that part of ward 5 bounded by the following lines in sequence, viz.: The centre lines of Thompson street, Bonney street, Rockland street, Orchard street, Washington street, Crapo street, South street and County street.

Precinct 5D—All that part of ward 5 bounded by the following lines in sequence, viz.: The centre lines of South street, Crapo street, Washington street, Orchard street, Arnold street, County street, Walnut street, Sixth street and County street.

Precinct 5E—All that part of ward 5 bounded by the following lines in sequence, viz.: The centre lines of Rockland street, Rockland street continued, Lewis street, Grape street, Oak street, Clay street, Columbia street, Allen street and Orchard street.

Precinct 5F—All that part of ward 5 bounded by the following lines in sequence, viz.: The centre lines of Allen street, Columbia street, Clay street, Oak street, Grape street, Page street, Hawthorn street, Tremont street, Arnold street and Orchard street.

Precinct 5G—All that part of ward 5 bounded by the following lines in sequence, viz.: Beginning at the intersection of the centre line of Lewis street with the centre line of Winterville road, thence by centre line of Winterville road to the line between the City of New Bedford and the town of Dartmouth, thence by said town line to its intersection with the extension of the centre line of Arnold street, thence by centre lines of Arnold street, Tremont street, Hawthorn street, Page street, Grape street and Lewis street.

## WARD SIX.

Precinct 6A—All that part of ward 6 bounded by the following lines in sequence, viz.: Beginning at the Acushnet river and extending through the centre lines of Gifford street, Water street, Division street, Acushnet avenue, Rivet street, Purchase street and Potomska street to the Acushnet river.

Precinct 6B—All that part of ward 6 bounded by the following lines in sequence, viz.: The centre lines of Division street, County street, Mosher street, Crapo street, Thompson street, Purchase street, Rivet street and Acushnet avenue.

Precinct 6C—All that part of ward 6 bounded by the following lines in sequence, viz.: The centre lines of Katherine street, Orchard street, Rivet street, Dartmouth street, Edward street, Field street, Babbitt street, thence by the easterly and southerly lines of Rural cemetery, the centre lines of Rockland street, Bonney street, Thompson street and Crapo street.

Precinct 6D—All that part of ward 6 bounded by the following lines in sequence, viz.: Beginning at the intersection of the line between the City of New Bedford and the town of Dartmouth with the shore at Clarks Cove, thence by said town line to the centre line of Winterville road, thence in centre lines of Winterville road, Rockdale avenue, Matthew street to the easterly line of Rural cemetery, the centre lines of Babbitt street, Field street, Edward street, Dartmouth street, Rivet street, Orchard street, Katherine street and Crapo street to Clark's Cove.

Precinct 6E—All that part of ward 6 bounded by the following lines in sequence, viz.: Beginning at Clarks Cove and extending through the centre lines of Crapo street, Mosher street, County street, Division street, Second street, Stapleton street, Brock avenue, Shore street and Grit street to Clarks Cove.

Precinct 6F—All that part of ward 6 bounded by the following lines in sequence, viz.: Beginning at a point in the Acushnet river and extending through the centre lines of Cove street, Viall street, Ruth street, Brock avenue and Warren street to Clarks Cove; beginning again at Clarks Cove and extending through the centre lines of Grit street, Shore street, Brock avenue, Stapleton street, Second street, Division street, Water street and Gifford street to the Acushnet river.

Precinct 6G—All that part of ward 6 bounded by the following lines in sequence, viz.: Beginning at the Acushnet

river and extending through the centre lines of David street, Brock avenue and George street to Clarks Cove; beginning again at Clarks Cove and extending through the centre lines of Warren street, Brock avenue, Ruth street, Viall street and Cove road to the Acushnet river.

Precinct 6H—All that part of ward six beginning in the Acushnet river, in line with David street; thence through the center line of David street to the center line of Brock avenue; thence through the center line of Brock avenue and the same line continued to Buzzards bay and the Acushnet river to the point of beginning. (March 22, 1922).

Precinct 6I—All that part of ward six beginning in Clarks cove, in line with George street; thence by the center line of George street to the center line of Brock avenue; thence by the center line of Brock avenue and the same line continued to Buzzards bay; thence in Buzzards bay and Clarks cove to the point of beginning. (March 22, 1922).





THIRD

INAUGURAL ADDRESS

OF THE

HON. EDWARD R. HATHAWAY

MAYOR OF NEW BEDFORD  
MASSACHUSETTS

AT THE

INAUGURATION OF THE CITY GOVERNMENT

HIGH SCHOOL AUDITORIUM  
JANUARY FIFTH  
NINETEEN HUNDRED AND TWENTY-FIVE

---

New Bedford, Massachusetts  
BRABURY-WARING, INC.  
Printers  
1925



THIRD INAUGURAL ADDRESS  
OF THE  
HON. EDWARD R. HATHAWAY

JANUARY 5, 1925

GENTLEMEN OF THE CITY COUNCIL:

Election to public office is an honor girded with responsibility of which, I am sure, you and I are fully aware. It confers numerous powers to be exercised only in the interest of the public welfare and imposes equally important duties upon all public officials. These powers and duties are, therefore, correlative and the assumption of the former is an implied promise to fulfill the latter. With this understanding by us of the nature of our common obligation to the city and to its inhabitants, we soberly approach the problems which are now confronting New Bedford and which, by united effort, we shall solve in her interest and for her betterment.

We have lived during a period when the greatest war of history was fought. It was of necessity a time characterized by inflation of income and expenditure. Men and governments spent money lavishly and the post-war deflation brought to all a realization of real values. Government like the individual must learn to live within its purse and must not guide its expenditure by that of its wealthier neighbor. It is our duty to determine in the first instance what our city can afford and then to see that it gets full value for every dollar expended. This is the example which I propose that you and I set.

At the beginning of our term of office we should have a goal, just as every prudent man or woman has at the commencement of maturity, and the particular object of our endeavor will be economy in the conduct of the city's business.

By economy I do not advocate a general policy of parsimony which will deny the fair and proper advancement of the city, nor do I mean lavish expenditure in one department and stinting in another. I want you to understand that my policy will be to provide for the needs of the city in a practical way and to treat every department fairly, but to insist, nevertheless, that provision shall be made only for necessities. Luxurious municipal living of every kind I will oppose, and I ask your undivided support to accomplish this end.

STREET WIDENING

The west side of Pleasant Street between Market and Union Streets should have been widened before the recent construction



of an addition to a building in that area. Pleasant Street is an important thoroughfare and, as it is the nearest north and south highway to Purchase Street, it will in the future be forced to care for the overflow of traffic from that street. It is also the boundary of our civic centre and, with the completion of the adjoining building which is set back on a line with all the structures south of the Sylvia Ann Howland School, its widening at this point will be imperative. As it is an important matter, due deliberation will guide our handling of it.

The failure to effect this public improvement heretofore will prove to have been an expensive error. It was an outstanding issue in the recent municipal campaign and, therefore, it is mandatory upon this government to effect this widening, which will be initiated as early in the administration as the convenience of all interested will allow.

### MUNICIPAL HOSPITAL SITE

In 1917 by legislative enactment the city was authorized to borrow \$200,000 in excess of the statutory limit to purchase land and erect a municipal hospital thereon and to equip the same. Plans were prepared and specifications drafted, but the bids submitted in December, 1919, indicated that the cost of the first unit would be over \$1,000,000. The city government wisely postponed building at that time and to date the city has received a set of plans and a partly excavated tract of land with sewer and water connections at a cost of over \$130,000.

The experience proved that the cost would be absolutely prohibitive and, as the recent expansion of hospital facilities in New Bedford will care for the needs of the people for many years, there will be, therefore, no need for the city to provide a municipal hospital for some time. This tract of land is unproductive and I suggest that the city government consider its disposal to relieve the tax-payer of this burden.

### STREET DEPARTMENT

There is no more important municipal function than that entrusted to the street department. The building and repair of highways and sewers and allied work intimately concern the safety and health of the public. With the great increase in vehicular traffic due to the constantly increasing use of motor cars it is imperative that the lanes of travel be kept in first-class condition or business will be retarded to the detriment of the city and its people. As guardians of the public health we must be ever on the alert in matters of sanitation and the basis of this is the sewer and drainage system.

We cannot permit the city either to adopt or to continue a lax policy in this regard because it will eventually prove very

costly to the tax-payer whether he be the owner or lessee of a dwelling or place of business. We must constantly look for improvement in methods so that the city may keep abreast of the times and be served economically and efficiently.

In almost every inaugural address may be found a promise to reorganize the street department. Public funds have been spent for expert advice and yet no beneficial change is noted. The old order of things remains in a most important department, one which last year expended over \$1,500,000. It is my purpose to rehabilitate this department and I propose to do it, with your approval, by securing the services of an experienced engineer and highway constructor and one who has a reputation as such in New Bedford.

The man I suggest is William P. Hammersley, who was superintendent of streets in New Bedford in 1915 and 1916, a man who is familiar with the city and its requirements and whose work remains today as a testimonial to his expert knowledge and practical ability. Mr. Hammersley has been for some time and is now the town manager of Norwood, Massachusetts, where he has supervision of all departments and where he has given lasting satisfaction.

While I believe that it may be necessary to increase the salary of this office to secure his services, I know from experience with him that the economies which he will effect will save the city more money in a few months than the full amount of his compensation. I make this recommendation advisedly and with the conviction that his supervision of this most important department will be of lasting benefit to the city and to the tax-payer.

### GARBAGE DISPOSAL

In June, 1923, the garbage plant was destroyed by fire and since that time various methods of disposal have been in use. At present garbage is being dried and then spread upon vacant land and covered with dirt. If the present power plant should be disabled the health of the city would be imperilled. The Board of Health has employed a sanitary engineer who has advised it of the most modern methods of disposal suited to the city's needs. Its members have visited many of the most progressive cities where they have seen these various plants in operation, and have concluded that New Bedford will be best and most economically served by disposing of its garbage by incineration.

Determination of responsibility for this condition is not our duty but we must, as soon as the city's financial status will allow, remedy this hazard to the public health, and I recommend your immediate study of this municipal requirement, so that when the time for action arrives the city may benefit by your knowledge of its needs in this direction.

## PLANNING BOARD

The present board was created in January, 1923, by an ordinance passed to carry out the provisions of General Laws, Chapter 41, Section 70. By said section it is provided that the planning board "shall make careful studies of the resources, possibilities and needs of the town, particularly with respect to conditions injurious to the public health or otherwise, in and about rented dwellings, and make plans for the development of the municipality, with special reference to proper housing of its inhabitants."

The present ordinance does not provide for the selection of persons whose immediate concern is an improvement in housing and in the development of the municipality. Furthermore there should be centralization of responsibility and closer cooperation between such a board and the city government which is obligated to comply with the law on behalf of the city.

Therefore, I advocate the repeal of this ordinance and the abolition of the present board, and I recommend the passage of an ordinance which will provide that the board shall consist of one alderman, one councilman, one member of the Board of Health, one member of the Park Board, the City Engineer, the Superintendent of Streets and the Mayor. This plan will eliminate expensive surveys and will bring about an economical and efficient treatment of these matters because these officials are directly or indirectly responsible to the people for the performance of their duties.

## PARKS

The public of the city has a park system of which much use is made and in which it displays a considerable pride. It comprises nine public parks with a total area of about 230 acres. While the accepted standard in acreage has not been reached, and while some attention should be given to furnishing some smaller parks throughout the city and, particularly in congested sections, it may be said that New Bedford is fairly well provided for in this matter.

Every city government, however, in addition to its usual duties, is under obligation to pay some attention to the future needs of the city. As the population increases, it will be necessary that provision be made for increased park space as well as for the added requirements of other city departments, just as has been so wisely done in the matter of the water supply and the intercepting sewer system.

As the plan of national defense must adapt itself to modern usage in the art of war, I want to bring to your attention the possibility of use as a park of the site of the present Fort Rodman which, in course of time, may be abandoned in favor of another



fortification better suited to the defensive demands of this area.

Fort Rodman was established September 24, 1857, and by Presidential order on July 23, 1898, it was given its present designation in honor of Lieut.-Col. William Logan Rodman of New Bedford, who fell in action at Port Hudson, Louisiana, May 27, 1863.

It contains about 69 acres and, being located at the end of a peninsular, it is an ideal place for a public park. If the Federal Government should decide to relinquish it during this administration, I believe that sentiment and sound business judgment favor its acquisition either for incorporation in the park system or as the nucleus for a plan of future port development, and I recommend this matter to your consideration.

### SCHOOLS

There is no more important function of a city than that of providing for the education of its youth, and the failure for the past three years to at least partially solve this pressing need by increasing the number of schoolrooms is a problem inherited by this administration.

It is my belief that the solution of the problem can be found only in the construction of school buildings at reasonable cost. Our present requirements are great because three years have passed without a single structure being provided for this important work. We must commence the building of schoolhouses immediately, but the present financial status of the city demands the highest degree of care in public expenditure. I propose, therefore, that as soon as possible we provide the necessary schoolrooms and school equipment, but eliminate everything except essentials, and I believe that the public of New Bedford will support us in this endeavor.

Plans have been drawn and specifications prepared for an addition to the senior high school. While no opportunity has been afforded me to study these plans in detail, a knowledge of some of their costly features convinces me that considerable saving can be effected by careful scrutiny of their details. This will be accomplished before any further action will be taken. As soon as a revision of the plans providing only for essentials is completed, they should be put out to bids and the contract awarded so that construction may be commenced without delay.

Educational authorities, I am told, are in substantial unanimity that the junior high school plan should be adopted and the gap between grammar and senior high school bridged. I am in accord with this idea, and I believe that we may plan the construction of two junior high schools during this administration. This plan may be effected, however, only if the cost of these schools and the senior high school addition is kept within a reason-



able maximum. Otherwise, we will have to confine our efforts to two buildings instead of three.

To accomplish this result authorization will have to be sought from the legislature to borrow the necessary money outside the debt limit. It will be required that New Bedford show its good faith in solving its school problem in an economical way before such authorization will be granted. Rigid economy in public expenditure is the established policy of the Commonwealth of Massachusetts, and no less will be expected of New Bedford. To this task we must bring our best efforts, to the end that the children and youth of New Bedford may enjoy equal educational opportunity with those of other cities similarly situated.

As this plan will make possible the elimination of all shift classes and provide some rooms for the relief of overcrowded conditions throughout the city, I recommend its earnest consideration by the City Council and the School Committee.

### CONCLUSION

I have pointed out to you my conception of our common duty to the city in the expenditure of public funds and I submit that no public official can fairly hold a contrary view. Practical economy may rightfully be demanded by the people from the incumbents of public office, and failure to achieve it is a reasonable and just cause for censure and dismissal. To a careful expenditure of the public money I now pledge my every effort.

But there is another obligation of public officials which is equal in importance to economy and that is the duty to enforce the law. During the recent campaign I promised that my election would insure a morally clean city and I meant what I then said. I propose to give New Bedford a morally clean administration, and I mean what I now say. No laxity in the enforcement of any law shall be tolerated by me and I will hold every official charged in any way with law enforcement to strict accountability for the performance of his duty. In effecting this purpose I doubt not that I shall have the cooperation of the entire City Council.

Founded by men of faith, New Bedford attained pre-eminence in divergent industries through the vision of her people who will increase her prestige and the common happiness only in the degree in which they hold fast to these great qualities of high character.

Gentlemen of the City Council, I have faith in our great country and in her chosen leader, once the first citizen of this great Commonwealth. I believe that, as the rainbow follows the storm, just so will the aftermath of the great war with its trail of trial subside, and prosperity attend our people increasingly during the next two years. I ask you to have the same faith, and to cooperate with me so that we may make this administration the best in government for our city.

ANNUAL REPORT

OF THE

# Committee on Bath Houses

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Season Ending September 30, 1924



New Bedford, Mass.  
REYNOLDS THE PRINTER  
1925

CITY OF NEW BEDFORD

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IN BOARD OF ALDERMEN,

December 26, 1924.

Received, ordered printed in the City Documents and  
sent down for concurrence.

RODOLPHUS A. SWAN,  
City Clerk.

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IN COMMON COUNCIL,

December 26, 1924.

Concurred.

RUTH G. HILTON,  
Clerk.

# REPORT OF THE COMMITTEE ON BATH HOUSES

New Bedford, Mass.,  
December 26, 1924.

*To the City Council.*

Gentlemen:

The Committee on Bath Houses herewith presents a report for the year 1924.

## FINANCIAL STATEMENT.

Appropriation .....	\$10,000.00	
	3,000.00.....	\$13,000.00

### Expenses:

Advertising .....	\$ 35.25	
Groins .....	2,650.00	
Laundry .....	794.72	
Lighting .....	160.40	
Suits and towels ....	657.08	
Supplies and repairs ..	1,588.85	
Telephone .....	44.34	
Committee expenses ..	327.90	
Water .....	117.10	
	—————	\$6,375.64
Payrolls .....	6,603.75	
	—————	\$12,979.39

Unexpended balance .....	\$ 20.61	
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## COMPARATIVE TABLE

Total expenses .....	\$12,979.39	
Total receipts:		
Fees .....	\$3,578.30	
Concession .....	450.00	
	—————	\$4,028.30
Net cost of operation .....	\$8,951.09	



## ADMINISTRATION.

The Bath Houses were opened for the season on June 16th and closed on September 7th but the presence of the superintendent made it possible for bathers to use the Houses before and after these dates. The number of bathers accommodated during the summer season was as follows:

Week ending May 31 .....	20
June 22 .....	2,935
June 29 .....	4,475
July 6 .....	3,700
July 13 .....	7,750
July 19 .....	5,925
July 26 .....	10,250
Aug. 3 .....	7,650
Aug. 10 .....	11,175
Aug. 17 .....	4,225
Aug. 24 .....	1,245
Aug. 31 .....	4,875
Sept. 7 .....	2,415

Total	66,640
-------	--------

This is an increase of 18,334 over 1923.

There were thirteen on the staff of employees for the 1924 season and the Committee feel that the efficient standard of service was maintained. The payroll was cut from \$7,376.25 in 1923 to \$6,603.75, a saving of \$772.50.

The Committee are grateful for the appropriation of \$3,000 made in the summer for the construction of jetties. The groins have been built and it would seem from the results thus far that the beach will be much improved in 1925.

Much time, thought and investigation was devoted to the study of facilities, including laundry, breakwaters, life-lines and administration in similar establishments in this and other cities. The heavy cost of installing a laundry system, the short term of service and the long term of disuse lead the Committee to abandon the project of laundering suits and towels. From this study and from experience, the Committee makes the following:

## RECOMMENDATIONS.

The 1924 Committee recommend the following matters to the 1925 Committee for consideration:

Placing life lines, with suitable buoys, for the protection of swimmers.

Installing hooks for wringing suits and towels.

Removal of refreshment stand and the erection of a sun shelter on the pier.

Erection of a refreshment stand, to conform in type to the administration building, on Rodney French Boulevard, west, adjoining the Bath Houses on the south.

Replacing the board walk by a concrete walk (to be done in sections if necessary).

Removal of wiring under the north board walk and the installation of two flood lights on that portion of the walk.

Replacement of plumbing fixtures by fixtures of standard thread so that same may be replaced at small cost by the attendants.

Construction of a retaining wall south from the building to the groins and the construction of a walk along this retaining wall.

Elimination of the system of renting suits and towels when the present supply is exhausted.

With regard to the last named recommendation, the Committee find that it is growing to be less and less customary to rent suits and towels. The problem of laundry will thereby be eliminated and the heavy cost of purchasing suits will also be eliminated.

The Committee takes this opportunity of commending the employees for their conscientious service, of thanking the superintendent for his pleasant co-operation and of expressing the thanks of each member to the City Government for their faith in appropriating enough moneys to make possible permanent improvements which have been sorely needed.

For the Committee,

JOHN CATTERALL,

Chairman.









ANNUAL REPORT

OF THE

**Superintendent of Buildings**

ALSO

**INSPECTOR OF BUILDINGS**

CITY OF NEW BEDFORD, MASS.

For the Year ending December 31, 1924



NEW BEDFORD, MASS.  
THE A. E. COFFIN PRESS—PRINTERS  
1925

CITY OF NEW BEDFORD.

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IN BOARD OF ALDERMEN,

January 22, 1925.

Received, ordered printed in the City Documents and  
sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

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IN COMMON COUNCIL,

January 22, 1925.

RUTH G. HILTON,

Clerk.

Concurred.

# REPORT OF THE Superintendent of Buildings

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Office of Superintendent of Buildings.

New Bedford, Mass., Dec. 31, 1924.

Gentlemen :—

In compliance with Section 146 of the Revised Ordinances of 1916, I have the honor to submit this report showing the conditions of public buildings, including a report of the construction, alterations and repairs which have been made to public buildings under jurisdiction of this office since the last report.

## NEW SCHOOLHOUSE AT SASSAQUIN

The new Sassaquin schoolhouse of which a description was given in my last year's report was completed and accepted by the Committee on City Property on the 30th day of August and given over in custody of the school department. The cost of the building is as follows:—

General contract, including heating, plumbing, and electrical work, (Herbert C. Bailey, contractor) .....	\$34,435.00
Additional work as ordered by committee....	692.00
Architects fees, Brown & Poole, architects ...	1,229.00
Total	<hr/> \$36,356.00

The school lot which contains 51 rods was deeded to the City of New Bedford by the Sassaquin Sanitorium Association without any cost to the city.

## 4 D SUPERINTENDENT OF BUILDINGS

### MUNICIPAL GARAGE

In the early summer the committee on City Property selected Leary & Walker, Architects, to prepare plans and specifications for a municipal garage to be erected at the city yard corner Hillman and Ash streets.

The plans submitted calls for a building of brick construction, one story in height, 220 feet long and 50 feet wide, having a capacity for the storing of 60 cars.

Bids were obtained in July and a contract awarded to the J. W. Bishop Co., the lowest bidders for the sum of \$28,787.00. The work was completed and accepted Oct. 28th. The cost of the building is as follows:—

General construction, including heating, plumbing and electrical work .....	\$28,787.00
Architects fees .....	1,007.55
	<hr/>
Total	\$29,794.55

### PORTABLE SCHOOL

During the summer the Committee on City Property at the request of the School Board awarded a contract to the E. F. Hodgson Company of Boston, the lowest bidder, for the furnishing and erection complete ready for use a portable schoolhouse to be located on the Jireh Swift Schoolhouse lot at Lund's corner.

The building which is practically of the same type as those already in use in this city was completed and accepted by the Committee early in September in season for the fall school term.

The contract price was as follows:—

Building complete including all furniture and heating ready for school purposes .....	\$3,444.29
---	------------



### ADDITION TO CENTRAL POLICE STATION GARAGE

In the month of June the Committee on City Property selected Labrode & Bullard, architects, to prepare plans and specifications for an addition to the Central Police Station Garage.

On the submission of the plans in July bids were called for by the committee and a contract awarded to Josophat Nault of this city, the lowest bidder for the sum of \$9,065.00.

The work was completed and accepted September 22nd. The cost of the work was as follows:—

General construction, including heating, plumbing and electrical work .....	\$9,065.00
Architects fees .....	344.75
	<hr/>
Total	\$9,409.75

### ADDITION TO FIRE DEPARTMENT REPAIR SHOP

In the early summer the Committee on City Property selected Chase, Peirce & Chase, Architects, to prepare plans and specifications for an addition to the old No. 1 Fire Station on Purchase street at the foot of Franklin street, now used as the Fire Department's Repair Shop.

The plans as submitted call for a one story brick extension on the rear of the present building with flat and gravel roof.

Bids were called for and a contract awarded to Herbert Griffiths of this city, the lowest bidder, for the sum of \$14,488.00.

The building was completed and accepted by the Committee December 15th.

The cost of the construction is as follows:—

General construction .....	\$14,488.00
Architects fees .....	507.08
	<hr/>
Total	\$14,995.08

## ALTERATION TO SCREEN HOUSE

On November 10th the Committee on City Property awarded a contract to Herbert Griffiths, the lowest bidder for alterations to the south half of the City's Intercepting Sewer screen house located on Clark's Point which is to be used as a garage by those connected with this branch of the city's service.

A brick wall was built to insure fire protection, concrete floor laid and large doors installed.

The work was completed and accepted by the Committee on December 15th.

The contract price was ..... \$1,510.00

## PAINTING ISOLATION HOSPITAL

In the month of September the Board of Health awarded a contract to Robert Upton, the lowest bidder, for the painting of all exterior walls of the Isolation Hospital located at the city farm, from specifications prepared by this department.

This work was completed and accepted by the Board early in October.

The total cost of the same was ..... \$1,035.00

## PAINTING AT ALMSHOUSE

In the month of July the Committee on City Property awarded a contract to Fuller & Barker, the lowest bidders, for the painting of all outside walls to the almshouse and all adjoining buildings from specifications prepared by this department.

This work was completed and accepted by the Committee in the early part of September.

The total contract was ..... \$1,675.00

## NEW BOILER AT ISOLATION HOSPITAL

The boiler at the Isolation Hospital which had been in service since the hospital was erected some twenty years ago was found to be unfit to go through another winter and at the request of the Board of Health specifications were prepared by this department for the furnishing and installing of a new boiler.

Bids were called for by the Board of Health and a contract awarded to James N. Conway of this city, the lowest bidder, for the sum of \$5,977.00.

The work was completed and accepted by the Board on September 30th, and the boiler immediately put into commission.

## NEW BOILER AT POLICE STATION NO. 2

In the early part of November the boiler in Police Station No. 2, corner Water and Blackmer streets which had been in service for a great many years suddenly gave out necessitating the immediate installation of a new boiler.

On account of the cold weather coming on specifications were immediately prepared by this department, bids called for by the Committee on City Property, and a contract awarded to the Sullivan Engineering Company of this city for the sum of \$430.00.

The work was accomplished in remarkably short time, only ten days elapsing from the time of collapsing of old boiler to the turning on steam in the new.

## PROPOSED ADDITION TO HIGH SCHOOL

Plans and specifications for the proposed addition to the present High School were practically completed in the early part of December by Brown & Poole, architects, and submitted to the Committee on City Property for their acceptance and further action.

The Committee voted to refer the entire matter to the next city government.

SOUTH END BRANCH LIBRARY AND PUBLIC  
SANITARY

During the summer the City Council voted to purchase the property on the southwest corner of Cove and Stapleton streets consisting of 21.87 rods of land on which was located two dwellings, since moved away, as the site for the new south end branch library and comfort station. The price paid for the property was \$17,000.00.

Later the Committee on City Property selected Oscar Crapo, architect, to prepare plans and specifications for a joint building for the above purposes; to be located on the acquired site.

The plans were completed and submitted to the Committee in November showing the library fronting on Cove street and the sanitary building on Stapleton street, both buildings to be of brick construction one story in height.

The Committee voted to call for bids which were submitted Dec. 18th, the lowest bid for a completed building being submitted by Josophat Nault of this city for the sum of \$70,065.00.

The Committee took no action on the bids voting to refer the entire matter to the next City Council.

## MINOR ALTERATIONS

Many minor changes and alterations were made to a number of our city buildings during the year, not enumerated here, from specifications made by this department at the request of department heads and the work done under my supervision.

# SCHOOL BUILDINGS.

Name of School	Location.	Year built, enlarged or remodelled	Material	No. stories	No. rooms	Roofs of land	Valuation of land	Valuation of building	Total
Middle street	Summer and Middle streets	1844	Brick	3	9†	117.26	\$10,000	\$25,000	\$35,000
Plainville	Plainville road	1846	Wood	1	1	42.91	100	1,000	1,100
North	County road near North line	1852-1891	Wood	1	2	60.00	200	1,800	2,000
Parker street	Parker street	1852-1874-1902	Brick	12†	12†	140.87	7,700	52,000	59,700
Cedar street	Cedar and Maxfield streets	1855	Wood	2	6	34.39	1,700	5,300	7,000
Dartmouth street	Dartmouth and Hickory streets	1855-1890	Wood	2	8	60.16	3,500	13,000	16,500
Rockdale	Hathaway road	1855	Wood	1	2	50.94	100	1,000	1,100
Merrimac street	Merrimac and State streets	1857	Brick	2	6	60.45	3,300	15,000	18,300
Fifth street	Fifth and Russell streets	1860-1876	Brick	10†	10†	65.54	6,000	30,000	36,000
Acushnet avenue,	Acushnet Avenue near Grinnell	1878-1894	Brick	10	10	82.85	6,000	44,000	50,000
Mary B. White	Maxfield and Pleasant streets	1881	Brick	2	4	31.37	4,300	21,000	25,300
Cedar Grove street	Cedar Grove street	1883-1892	Brick	15	15	118.75	5,000	31,000	36,000
Thompson street	Thompson street	1885	Brick	2	10	80.00	4,300	33,500	37,800
Harrington	Court street	1889-1900	Brick	3	11†	180.13	5,000	50,000	55,000
L. W. Benjamin	Division street	1891	Brick	2	12	110.74	6,000	28,000	34,000
Sylvia Ann Howland	Pleasant and High streets	1893-1901	Brick	7	7	51.80	9,500	55,600	65,100
Thomas A. Greene	Fourth and Madison streets	1894	Brick	10	10	63.58	5,200	53,000	58,200
Clark street	Clark street	1896	Brick	8	8	119.54	3,500	37,000	40,500
George H. Dunbar	Dunbar and Dartmouth streets	1897	Brick	2	8	140.00	2,700	40,000	42,700
Phillips avenue	Phillips avenue	1897	Brick	2	8	118.08	5,500	33,000	38,500
William H. Taylor	Brook avenue	1898-1910	Brick	12†	12†	352.64	12,475	76,000	88,475
John H. Clifford	Coggeshall and Bowditch street	1901	Brick	12†	12†	210.60	12,636	71,600	84,236
Robert C. Ingraham	Blackmer street	1901	Brick	12†	12†	196.11	12,000	70,000	82,000
Horatio A. Kempton	Shawmut avenue	1901	Brick	8	8	142.30	4,680	43,680	47,680
Thomas Donaghy	South street	1905	Brick	12	12	19.30	23,500	63,004	86,504
Hosea M. Knowlton	County and Coggeshall streets	1906	Brick	10†	10†	432.00	11,250	95,661	107,411
James B. Congdon	Hemlock and Thompson streets	1908	Brick	16†	16†	209.29	13,488	103,000	116,488
Thomas R. Rodman	Rockdale avenue and Mill streets	1908	Brick	10†	10†	124.45	4,978	76,824	81,802
Jireh Swift	Acushnet avenue near Lunds corner	1909	Brick	10†	10†	124.80	1,700	80,710	82,410
Abraham Lincoln	Bowditch street, north Belleville road	1911	Brick	3	20†	696.82	17,700	128,000	145,700
Twenty-five portable schools	In various school yards	1903-1919	Wood	1	1				43,025
Betty B. Winslow	Allen and Bowditch streets	1912	Brick	2	12†	893.09	25,712	122,741	148,453
New High School	County, head of William street	1912	Brick	3	48†	401.60	60,001	509,369	569,370
Katherine street	Katherine & Bonney streets	1914	Terra	2	20†	411.97	12,433	167,081	179,514
Sarah D. Ottiwell	Hathaway & Diman streets	1918	Cotta	1	15†	378.12	17,886	166,953	184,539
Emery street	Emery and Frederick streets	1921	Brick	2	16†	249.33	16,148	262,150	278,298
Chas. S. Ashley	Ashley Blvd and Rochambeau Street	1922	Brick	2	20†	606.89	14,762*	668,279	683,041
Mt. Pleasant School	Mt. Pleasant and Sawyer Streets	1922	Brick	2	20†	674.85	52,803	638,356	711,159
Clarence A. Cook	Summer and North Streets	1922	Brick	2	18†	133.88	75,000	566,331	641,331
Sassaquin School	Sassaquin	1924	Brick	1	3	51.20	1,000	34,435	35,435

\* Cost \$14,762 Part of Park Land taken

† Assembly hall

\$5,056,971





# FIRE STATIONS

Number of Station	Location	Year Built Enlarged or Remodeled	Material	No. Stories.	Rods of Land.	Valuation of Land	Valuation of Buildings	Totals.
No. 9	Acushnet av. nr. Lunds corner	1861	Wood	2	8.81	\$200	\$2,300	\$2,500
No. 4	Sixth and Bedford streets	1866 1897 1918	Brick	2	20.09	1,925	25,000	26,925
No. 1	*Purchase and Franklin streets	1871	Brick	2	26.68	1,500	12,000	13,500
No. 6	Fourth st., nr. Potomska st.	1882	Brick	2	28.28	1,500	14,000	15,500
No. 7	Durfee street	1890	Brick	2	37.36	1,500	20,000	21,500
No. 5	County and Hillman streets	1892	Brick	2	23.85	3,300	20,000	23,300
No. 8	Acushnet av. and Davis street	1894	Brick	2	47.00	2,600	24,000	26,600
No. 3	Kempton and Reed streets	1906	Brick	2	35.16	2,300	21,882	24,182
No. 11	Brock av. and Mott street	1908	Brick	2	44.91	1,571	17,840	19,411
No. 10	Purchase and Cedar Grove sts.	1909	Brick	2	Part water works lot		21,963	21,963
No. 2	Pleasant and North streets	1917	Brick	3	44.62	16,000	121,990	137,990
								\$333,371

\* Now used as department repair shop. Addition built in 1924.

# OTHER PUBLIC BUILDINGS.

Name	Location	Year Built and Remodelled	Material	No. Stories	Rods of Land	Valuation of Land	Valuation of Building	Total
*Free Public Library	William and Pleasant Sts.	1907-1910	Stone	3	87.39	\$125,000	\$275,000	\$400,000
+Municipal Building	William and Pleasant sts.	1912	Brick	3	92.74	138,864	336,000	474,864
Almshouse Property	Clark's Point	1842	Stone-Wood	3	77 acres	46,000	54,000	110,000
City Stables	Ash Street	1877	Brick	1 & 2	456.93	8,400	57,000	65,400
Pumping Station and Lot	Purchase street	1866-1870	Stone	1	640	24,000	25,000	49,000
School Committee Headquarters	William street	1846	Wood	2	24.61	5,000	4,700	9,700
Veteran Firemen's Headquarters	High and Foster sts.	1846	Wood	2	9.83	1,000	1,300	2,300
Ward Room	Purchase street	1835	Wood	1	3.82	500	650	1,150
Water Works	Lakeville	1895-1900	Brick-Wood	2			136,000	136,000
Isolation Hospital	City Farm	1904	Wood				41,200	41,200
Miscel. Building on City Parks								50,000
City Wharves, Cemeteries, etc.								
Sewage Pumping Station	Cove road	1913	Brick	1	city's shore property		14,180	14,180
Power and Screen house	West French avenue	1914	Brick	1	city's shore property		31,864	31,864
Public Bath Houses	West French avenue	1916	Concrete and Wood	1	Shore at Hazelwood Park			
Sewage Pumping Station	Belleville avenue	1917	Concrete and Brick	1	Public St.		52,975	52,975
Water Works—Repair Shop	No. Water street	1890-1917	Concrete and Wood	1 & 2	310.23	21,125	23,157	23,157
Range House	City's Rifle Range	1918	Wood	1			2,100	2,100
ooGarbage Plant	Shawmut Avenue	1921	Brick-Wood	1 & 2	49.064	Land & Buildings Combined	156,400	156,400
**Spanish-American War Veterans Headquarters	Willis street near Purchase	Erected in 1850 Remodelled 1922	Wood	2	12.27	2,500	5,000	7,500
Municipal Garage	City Yard, Maxfield and Ash Streets	1924	Brick	1	Part of City Yard		28,787	28,787
								\$1,688,702

\* Formerly City Hall—Erected in 1838-1839.  
 + Easterly part formerly Free Public Library Building—erected in 1856.  
 oo Year Acquired by the City.

# Inspector of Buildings Report

## BUILDING STATISTICS FOR 1924.

The total number of permits granted during the past year for new buildings, alterations and repairs was 1,070 at an estimated cost of \$6,979,600.

Of the above amount \$3,416,400 was spent for new dwelling house construction alone.

Very little was spent during the year for construction work on any of the mills, the largest recorded being a new laboratory building at the Hathaway mill plant at a cost of \$35,000.

The largest individual permit granted during the year was the First National Bank building at a cost of \$800,000.

### Summary:

	Permits	City
New dwellings .....	422	\$3,416,400
Building for banking purposes .....	1	800,000
Office buildings .....	2	63,000
Amusement buildings .....	2	55,000
Buildings for religious, charitable, hospital, educational and welfare purposes .....	8	841,200
Buildings for manufacturing and business purposes .....	6	147,000
Buildings for store purposes .....	29	209,500
Garages .....	436	691,800
Filling Stations .....	5	50,500
Alterations and repairs .....	137	498,500
Miscellaneous buildings .....	22	64,500
	1070	\$6,837,400

## CITY BUILDINGS

New municipal garage .....	\$ 28,800
New portable school .....	3,400
Additions, alterations and repairs to School-houses and other city buildings .....	110,000
	<u>\$142,200</u>
Total .....	\$ 6,979,600
Number of new tenements added .....	790

## CLASSIFICATION OF DWELLINGS ERECTED.

One family houses .....	170
Two-family .....	199
Three-family .....	17
Four-family .....	20
Six-family .....	16

## DWELLINGS ERECTED BY WARDS.

Ward 1 .....	170
Ward 2 .....	33
Ward 3 .....	18
Ward 4 .....	25
Ward 5 .....	38
Ward 6 .....	97

## STATISTICS FOR 1923.

Number permits granted .....	1475
Estimated cost .....	\$9,062,700
Number of dwellings erected .....	581

The more important permits granted during the year were the following:—First National bank building; Y. W. C. A. building; Sacred Heart Home; telephone exchange building; American Railway Express Co., office building; Five Cents Savings bank addition and alterations; laboratory building, Hathaway Mfg. Co.; Criterion Pictures Inc., studio; Administration building, Sassaquin Sanatorium; St. Killian's parish school; Trinity M. E. church alterations; St. Joseph's convent; St. Hyacinth church alterations; three Standard Oil filling stations; Gulf Refining filling station; James H. Mahoney, residence, Stetson street; Dr. Henry Barnes residence, Mt. Pleasant.



## STATISTICS OF PREVIOUS YEARS.

	No. Permits	Estimated Cost	No. Dwellings Erected	No. Tenements Added
1893	340	\$1,800,000	151	322
1894	369	795,860	144	361
1895	554	1,301,871	201	527
1896	794	1,687,396	378	920
1897	797	1,357,395	310	699
1898	415	490,647	81	122
1899	424	708,245	79	124
1900	402	755,401	68	102
1901	416	1,099,102	161	235
1902	470	1,968,840	164	354
1903	603	1,984,871	252	578
1904	541	1,575,552	210	447
1905	648	1,506,275	293	645
1906	672	2,450,500	296	649
1907	682	2,256,000	278	721
1908	774	2,872,300	411	1,083
1909	986	6,267,650	550	1,473
1910	1179	7,037,337	639	1,812
1911	950	2,661,063	485	1,117
1912	940	2,400,050	379	896
1913	1245	3,067,700	425	820
1914	1062	3,039,736	406	808
1915	1012	3,126,734	383	699
1916	949	4,762,081	356	662
1917	384	3,054,211	98	128
1918	352	976,714	83	101
1919	762	7,005,420	269	396
1920	683	5,943,414	193	274
1921	882	5,816,631	359	506
1922	1216	7,057,240	544	880
1923	1475	9,062,700	581	1153
1924	1070	6,979,600	422	790
	24,083	\$102,396,610	9,649	20,404

## NEW BUILDING CODE

The new building code which has been in the making by this department for the greater part of the year was completed and adopted by the City Council, November 13th, to take effect the first day of January 1925.

A large number of hearings were held by the Committee on Building Code which were well attended by architects, builders, and others interested in its revision and who rendered valuable assistance in its formulation.

The most drastic changes made were in relation to the extension of the fire limits both at the north and south ends of the city as well as the center which were considerably increased covering a larger area wherein the erection of frame buildings are prohibited.

The code will be printed in book form ready for distribution to those interested early in the new year.

## ELEVATOR INSPECTION

During the year 1924, all elevators in the city have been thoroughly inspected and some of them have been inspected more than once when necessary.

There are 331 freight elevators, 37 passenger elevators and one escalator.

A total of 639 inspections were made and 530 reports filed with the Mass. Department of Public Safety, copies of which are also on file in this department.

As a result of these inspections, 61 elevators were found to be in a defective condition and upon the recommendation of the inspector, in every instance these defective elevators have been repaired and made safe. One elevator which was beyond repair was condemned and removed.

During the year nine (9) new freight and two (2) passenger elevators were installed. These elevators were inspected during and after installation. There are now six new elevators under construction.

The licenses of 48 elevator operators were renewed and 39 new licenses were granted after an examination by the elevator inspector.

### AUTOMATIC SPRINKLERS INSTALLED DURING THE YEAR

It is with much interest to note the increasing use being made of the automatic sprinkler system in many of the old as well as the new buildings throughout the city from year to year.

During the year just closed no less than 40 such buildings have been so equipped.

From a fire prevention standpoint this greatly reduces the risk to the owner, and from an insurance standpoint the rate is reduced in many cases to more than half.

As a community measure the installation of sprinklers in our large buildings has the effect of reducing insurance rates throughout the entire city through the higher classification given the city by the National Board of Fire Underwriters. New Bedford now rates among the leading cities of the country in the number of buildings equipped with sprinklers.

The buildings equipped with sprinklers during 1924 are as follows:—

City of New Bedford—18 schoolhouses.  
Union for Good Works Building, Market St.  
Sacred Heart Home, Summer St.  
Continental Wood Screw Factory, Mt. Pleasant St.  
Washburn's Wood Working Factory, North Water St.  
Greene & Wood's Sash Factory, Pine St.

John I. Paulding, Inc., King's Highway.  
Julius Rubin & Son, Mattress Factory, No. Second St..  
Hathaway Mfg. Co., Additional sprinklers.  
Orpheum Theatre Building, So. Water St.  
Henry J. Magnants Furniture Store, 1637 Acushnet Ave.  
Fur House of Sydney, Union St.  
Greene & Croshere's Building, Kempton and Jenney Sts.  
Edward V. Lahey's Garage, Brigham St.  
Hemingway Bros. Garage, Swift St.  
O'Brien Bros. Garage, Pearl St.  
Andrews & Pierce Garage, West Middle St.  
William Harrop's Garage, So. Orchard St.  
Gravel's Garage, Holly St.  
Tripp's Garage, Elm St.  
Walter Clark's Garage, Kempton St.  
Leary & Walker's Garage, Ashley Blvd.  
Joseph Robida's Garage, Kempton St.

## MANY OLD BUILDINGS TAKEN DOWN DURING THE YEAR

Seventy-five old and dilapidated wooden buildings consisting of dwellings, barns, sheds, and other miscellaneous structures throughout the city were taken down during 1924. Many of the structures had become dangerous to life and limb as well as a fire menace and were ordered removed by the inspector of buildings. A large number were removed to clear the site for modern brick buildings. Many old barns which were of no further use to the owners were taken down and replaced by garages of brick or cement block construction.

The more prominent buildings taken down during the year were as follows:

Four dwellings, Pleasant and Spring streets, to make way for the new Y. W. C. A. building. Old Flower's building, Purchase street near Hillman street property now owned by Westby & Baker. Seven buildings on the Ricketson estate, Acushnet avenue and Spring street, to clear site for a modern building later. Old Stabe and sheds, Second and Spring streets, Standard Oil

filling station now being erected on the site. Old St. Anthony's school, Acushnet avenue and Nye street, replaced by modern brick school building. Elm street, opposite Eighth street, old Dewolf house taken down, property now owned by Isaac Dawson, who is planning a garage later. Miscellaneous buildings on former Notter place, Kempton and County streets, new brick building now being erected on the site. Two dwellings on Acushnet avenue near Pope street, property recently purchased by Hill & Cutler Co. Two-family dwelling on Middle street west of Sixth street, public garage now erected on the site. Dr. Winston Stephens residence, Sixth and Spring streets, business block to be erected on the site later. Miscellaneous buildings on former Rotch estate, County and Union streets, now owned by Wamsutta Club. Old brick dwelling, Water street near Madison, said to be the oldest house in the city, public garage to be erected on the site later. Henry Dean residence, Purchase street near North, property now owned by J. B. Ashley, Jr., who is to erect stores later. The old Swift residence, Orchard and Bedford streets, to be replaced by modern residence. Old barn, rear of Unitarian church, Union and Eighth streets, property now owned by the church society. Kempton and Emerson streets, several old buildings on property owned by Union Motor Co. Brick store and office building, Union and Pleasant streets, new First National Bank now being erected on the site. Taber's Market building, Union street near Eighth street, replaced by modern store and office building.

#### GARAGE APPLICATION AND PLANS

For the year 1924 applications for 472 garages were made at this office for which measurements were taken of the premises and location plans made to be submitted to the Board of Aldermen for approval before a permit to build is granted.



93 of this number were for public garages (capacity of more than four cars) and 379 for private garages.

The sum of \$2,825.00 was paid into the city treasury by the applicants to defray the cost of preparing plans and other necessary work in connection therewith.

Many of the petitioners were given leave to withdraw by the aldermen after a survey of the premises while others were ordered to locate on the lot other than that desired by the petitioner.

#### HOTEL AND LODGING HOUSE INSPECTION

As required by law this department inspected during the month of April 67 buildings classed as hotels and lodging houses containing a total of 1046 rooms and a report of their condition made to the State Department of Public Safety, Boston.

#### SIGN INSPECTION

During the year one hundred and sixty-four (164) sign applications were forwarded to this office by the City Clerk for inspection as to their proper height, fastening, etc., before a permit is granted by him for its maintenance.

In many instances several inspections on one application is often necessary before final adjustment is made.

#### CONCLUSION

I herewith express my sincere appreciation of the cordial co-operation of the many committees of the city government and the department heads having to do with various matters of construction which pertained to the work of this department.

Respectfully submitted,

GEORGE O. GARDNER,

Superintendent of Buildings.

Inspector of Buildings.

Thirtieth Annual Report

OF THE

Board of Cemetery Commissioners

OF THE

CITY OF NEW BEDFORD,

MASSACHUSETTS

For the year ending November 30,

1924



NEW BEDFORD, MASS.

THE A. E. COFFIN PRESS—PRINTERS

1925.

## **CEMETERY BOARD**

---

WILLIAM M. HIGHAM, Chairman

JOHN G. NICHOLSON

CHARLES H. VINAL, Secretary

### **Clerk of the Board**

MISS IVAH M. HUNT

### **Office Assistant**

MRS. BERENICE E. IRVING

### **Superintendent**

SIDNEY B. DEMORANVILLE

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## **CEMETERIES**

RURAL  
OAK GROVE

PINE GROVE  
GRIFFIN STREET

**CITY OF NEW BEDFORD**  
**OFFICE OF THE CEMETERY BOARD**

---

New Bedford, December 1, 1924.

To the Mayor and City Council,

City of New Bedford, Mass.

Gentlemen:—

Pursuant to the requirements of the city's ordinance relative to the Department of Cemeteries, the Cemetery Commissioners herewith submit this thirtieth annual report, the same being for the year ending November 30, 1924.

CHARLES H. VINAL, Secretary.

**FINANCIAL STATEMENT**

FOR THE YEAR ENDING NOVEMBER 30, 1924.

Dr.

Annual appropriation, March 13, 1924 .....	\$45,000.00
Receipts, labor to December 1, 1924 .....	18,509.72
Receipts, labor on Perpetual Care lots, 1923 .....	12,975.89
Receipts, labor on Soldiers' and Sailors' Graves, 1924 .....	425.00
	<hr/>
	\$76,910.61

Cr.

Expenditures, general .....	\$76,571.68
Transferred to unappropriated funds (see City Auditor's balance) .....	338.93
	<hr/>
	\$76,910.61

**SALES OF LOTS**

Dr.

Balance, old account .....	\$ 1,495.92
Receipts, Sales of Lots, to December 1, 1924 .....	10,165.00
	<hr/>
	\$11,660.92

Cr.

Expenditures, embellishment and improvement .....	\$ 8,242.76
Balance to new account .....	3,418.16
	<hr/>
	\$11,660.92



**CLASSIFIED STATEMENT OF EXPENDITURES****RURAL CEMETERY**

General labor account .....	\$11,158.69	
Distribution account .....	8,640.13	
Interments .....	2,253.00	
Office building, (maintenance) .....	1,040.00	
Supplies, tools .....	665.02	
Supplies, fertilizer, seed, sod, etc. ....	252.55	
Supplies cement, sand, brick, etc. ....	719.34	
Supplies, general .....	595.63	
Water .....	95.45	
Pension .....	524.16	
New land, extension account .....	3,329.46	
Police .....	620.50	
New avenues .....	1,708.46	
		<hr/>
		\$31,602.39

**OAK GROVE CEMETERY**

General labor account .....	\$8,759.68	
Distribution account .....	3,021.77	
Interments .....	1,176.45	
Supplies, tools .....	341.68	
Supplies, fertilizer, seed, sod, etc. ....	237.17	
Supplies, cement, sand, brick, etc. ....	295.89	
Supplies, general .....	767.68	
Water .....	151.76	
Avenues .....	1,249.57	
Office building, (maintenance) .....	1,040.00	
Police .....	54.00	
Garage .....	65.50	
Repairs to tomb .....	13.55	
New land, extension account .....	691.04	
		<hr/>
		\$17,865.74

**PINE GROVE CEMETERY**

General labor account .....	\$3,892.80	
Distribution account .....	3,103.37	
Interments .....	1,041.91	
Supplies, tools .....	145.08	
Supplies, fertilizer, seed, sod, etc. ....	102.65	
Supplies, cement, sand, brick, etc. ....	403.10	
Supplies general .....	468.21	
Avenues .....	55.47	
Water .....	46.09	
New land, extension account .....	712.55	
New avenues .....	2,262.73	
New drain .....	1,804.77	
New service building .....	305.29	
Wall .....	985.68	
Catch basins .....	162.32	
Police .....	12.38	
Grading service building grounds .....	3,170.09	
Borders in new part .....	213.09	
		<hr/>
		\$18,887.58

## CEMETERY REPORT

## GREENHOUSE AND FLOWER BEDS

General labor account .....	\$4,357.99	
Maintenance, stock and supplies .....	313.57	
	<hr/>	\$4,671.56

## GRIFFIN STREET CEMETERY

General labor account .....	\$427.14	
Supplies .....	9.42	
	<hr/>	\$436.56

## TELEPHONES

Bell telephones .....	\$177.25	
Automatic telephones .....	7.09	
	<hr/>	\$184.34

## SALARIES

Superintendent .....	\$2,500.00	
Office .....	3,531.64	
Sexton, Oak Grove Cemetery .....	1,742.00	
	<hr/>	\$7,777.64

## SUNDRIES

Road roller .....	\$ 58.80	
Office Supplies .....	965.39	
Automobiles .....	1,856.57	
Accident account .....	10.00	
Soliders' Plot .....	4.87	
Annual report .....	85.90	
Amount re-funded for grave not used ...	15.00	
St. Mary's Cemetery (labor on Perpetual Care lots 1923.) .....	392.10	

Respectfully submitted,

IVAH M. HUNT,  
Clerk of the Board.

## REPORT OF CEMETERY COMMISSIONERS

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Operations in this department for the year of 1924 have been thoroughly and carefully followed by its executive head, and a general observation of the Board.

The long business depression which has been so marked in our industrial interests and otherwise did not suggest unwarranted expenditures in any department and it seemed advisable to call for only such sums to be appropriated to this department as would meet the actual needs for the general care and upkeep of the cemeteries and provide very limited funds for any improvement, altho something has been accomplished.

The new avenues partly constructed last year in Pine Grove Cemetery were finished this year. The approach and access to the new building in these grounds have been finished, and the immediate surroundings of this building embellished with shrubbery, conifers and trees, so that the whole present a marked improvement in this section of the cemetery.

Drains have been laid and catch basins built in the new avenues, taking care of all the surface water, so that no bad wash outs need occur in these grounds.

The main avenue, leading from the Dartmouth street entrance to Rural Cemetery has been rebuilt with macadam and is in splendid condition.

Section M, in Rural Cemetery, has been thoroughly prepared for burial use and is now ready for sale, and supplies a large number of lots in a desirable section of this cemetery.

The last available land for burial purposes in Oak Grove Cemetery has been prepared for sale in the extreme northwest section of these grounds and a number of very desirable lots are now ready for use.

The general work of maintenance in the several cemeteries has been performed, and the grounds throughout the season have presented a very attractive appearance. The greenhouses have contributed wonderfully to the embellishment and the decorative features of the cemeteries, many of the large beds being twice filled during the season, first with the early spring flowers, which last until Memorial Day, and then filled again with annual growing plants which are in continual flower until the season of frost.

The Board have carefully considered the needs of the several cemeteries and the purpose of making further progress in the development of Pine Grove Cemetery, the coming season.

Seventy-five per cent of our usual appropriation is paid for labor and maintenance of the grounds, and this leaves a very limited amount to be used for development and it is deemed advisable to ask the city for a larger appropriation for the season of 1925, for this purpose.

The popularity of the feature of Perpetual Care, so strongly advocated by the Board, is now a fixed purpose to most of the lot owners, particularly those who buy new lots. Today, the results are shown in the neat appearance of individual lots which largely contribute to the general good appearance of the cemeteries.

The number of lots placed in Perpetual Care, in 1924, was 101. The total number of lots now in Perpetual Care 2,464. The amount deposited during the year was \$16,490.00, making the total amount of Perpetual Care funds, \$325,465.70.

The enclosure and gate way along the line of Ashley Boulevard is indeed a problem to the Board. They realize that whatever is erected should be of an imposing and permanent character, and of a design that will be in keeping with that which will eventually follow on the west side of the Boulevard, when future requirement will call for the extension of these grounds in that direction. The main entrance to Pine Grove Cemetery for both sections of the grounds will be from Ashley Boulevard and while no definite structure has been decided upon by the Board, they are, however, taking active measures in this direction by laying a solid foundation along the frontage line of these grounds, on which will be erected the enclosure that may be finally determined upon. To accomplish this end will call for a large expenditure and should be provided for by special provisions for this purpose by the City Council.

In previous reports from this Board, it has strongly advocated the erection of a public receiving tomb in Pine Grove Cemetery, but each year the funds allotted to this department would not admit of a venture of this kind. A structure of this character, suitable for the present and the future of this cemetery would require an expenditure of at least \$15,000. A special appropriation should be made for this purpose, as the building is absolutely essential to the needs of these grounds.

#### GRIFFIN STREET CEMETERY

On coming into the charge of the several cemeteries, the Board of Cemetery Commissioners found that the perfunctory care of preceding years of this cemetery had reduced its condition to little better than a neglected field.

This is practically the oldest burial place in New Bedford, being almost co-eval with the founding of the town, and for many years was the recognized place of interment for the inhabitants.



Here lie buried many who have contributed not alone to the making of the Town and State, but to the upbuilding of the Nation. With these facts in mind, the Commissioners have always endeavored to bestow upon this space such attention as would render it a seeming place for the abode of so many who have been honored and respected in life.

During the past decade, the grounds have been entirely renovated. Measures have been completed to screen from view unsightly surroundings and each year some improvement has been accomplished.

The grass is regularly cut and beds of flowers are maintained thru the season, all tending to the approval and satisfaction of our fellow citizens.

For a general summary of the work accomplished in the several cemeteries for the season of 1924, the Board respectfully refer to the Superintendent's report to the Board, which follows.

The unstinted provision the City Government has annually made for the care of the cemeteries is a source of gratification to all who have interests in them.

The Board is deeply grateful for the kindly consideration shown at all times, and for the confidence they have displayed in passing upon the requests of this department.

Respectfully submitted,

WM. M. HIGHAM, Chairman,  
JOHN G. NICHOLSON,  
CHARLES H. VINAL, Secretary.

## SUPERINTENDENT'S REPORT

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To the Cemetery Board,  
City of New Bedford.

Gentlemen:—

I submit to you a summary report of work accomplished in the several cemeteries of the city during the past year.

All new construction has followed the plans and specifications, under my supervision, and the general care, up-keep and maintenance of the grounds has been under my daily observation and direction.

I have also submitted such suggestions for the immediate needs for improvement and development as I have deemed advisable for this department.

The usual number of men required in this department have been regularly employed throughout the season.

The department now owns two automobile trucks and their constant use facilitates the team work and brings about greater efficiency than the old method of using horses. The care and repair of our machines is accomplished by men in the employ of this department and in our own garage and I believe to a large saving of expense to this department.

We have this season purchased our crushed stone from contracting parties and used the roller only for avenue work. We have found in this, not only greater economy, but also greater progress in avenue construction, than when we crushed our own stone and rolled them afterwards, and I

would suggest that as most of our main avenues are now finished that we extend the macadam work to as many of the side avenues as possible, thus relieving their rutted and muddy condition, and providing firm and dry road surface to reach the many lots remote from the main drives.

Over 6,000 square feet of new macadam have been constructed in Rural Cemetery, and 52,881 square feet have been re-surfaced with tarvia covering.

The supply of water should be extended in Rural Cemetery, 1,500 feet to the north and west. This is necessary for use on perpetual care of lots, as also to the convenience of lot owners, who often complain of the long distance to go to obtain water, for their use. This would provide five new hydrants for the department use.

Section M, when finished will extend beyond the line of the 18 in. drain. This should be extended at least 1,000 feet further into these grounds.

In August of this year, it is to be remembered that a severe storm swept the city, uprooting many of the old and valued trees. Our cemeteries were no exception to the ravages of this storm.

In Rural Cemetery, ten beautiful and well located trees were blown down and had to be removed.

In Oak Grove Cemetery, there were eleven that fell victim to the elements.

Little damage was done at this time to headstones and monuments. Many of the stones, however, were loosened on there bases, and a crew of employees of each ground was at once sent to make a canvas of the cemeteries and all loose headstones were again firmly adjusted.

In Pine Grove Cemetery, a granolithic walk on the south side of the new service building, leading to the new comfort station, has been constructed. As no sewer is accessible

for drainage, septic tanks have been installed taking care of all waste matter in this location.

60,000 square feet of land in the cemeteries have been graded and seeded, which will add much to the lawn effect next season.

The wall enclosure on the north line of Oak Grove Cemetery should be extended west this year to protect the new section that has been prepared this season.

In Pine Grove Cemetery, some expense has been necessary to police these grounds. I regret to say there has been a tendency on the part of some to abuse the use of the avenues crossing the cemetery from Acushnet avenue to Ashley Boulevard. As these avenues are off the line of traffic some beginners have sought to use them to learn to drive their automobiles, with the result in some cases they have run off the avenues and badly cut some of the lawns and borders and we have had to close the entrances at night to prevent parking in these grounds.

A cleaning up of surface rock in Pine Grove Cemetery has been accomplished and with it over 300 feet of foundation for a suitable enclosure to be later constructed along the line bordering on Ashley Boulevard.

I am pleased to record that there has been a wonderful co-operation of the employees of this department; under the direction of the several foremen, the work has progressed regularly through the season with no special complaint from our many lot owners.

The following summary of the operations of this department in the several cemeteries has received my supervision.

## SUMMARY OF WORK DONE IN 1924

	Rural	Oak Grove	Pine Grove
Sq. ft. granolithic walk laid .....	.....	.....	280
Sq. ft. new aves. laid with crushed stone .....	.....	.....	11,700
Sq. ft. old aves., laid with crushed stone .....	6,089	.....	.....
Sq. ft. new aves. finished .....	.....	.....	11,700
Sq. ft. old aves. finished .....	6,089	.....	.....
Sq. ft. avenues covered with tar .....	52,881	.....	11,700
Sq. ft. land dug over .....	18,382	.....	17,250
Sq. ft. land graded .....	9,336	16,830	37,290
Sq. ft. land rough graded .....	.....	.....	9,750
Sq. ft. land seeded .....	9,336	16,830	20,990
Sq. ft. sod laid .....	.....	2,500	1,440
Lineal ft. curbing set .....	3,663	.....	.....
Lineal ft. foot path fitted .....	.....	50	.....
Lineal ft. avenues fitted .....	.....	125	.....
Lineal ft. wall foundation built .....	.....	.....	300
Cu. ft. boulders blasted and removed....	.....	.....	2,350
No. ft. drain pipe laid .....	.....	.....	574
Foundations for tablets and markers ....	141	77	30
Foundations for monuments .....	37	23	17
Foundations re-built .....	23	15	2
Corner posts set in lots .....	16	37	28
Corner bounds set .....	.....	.....	167
Lots numbered .....	.....	.....	94
Grave numbers set in public ground.....	.....	.....	49
Trees set out .....	.....	.....	17
Shrubs set out .....	.....	.....	362
Evergreen trees set out .....	.....	.....	1,500
Evergreen trees re-set .....	.....	300	.....
Flower and shrub beds .....	30	44	17
Neglected graves fitted .....	187	141	6
Graves fitted .....	364	247	18
Headstones fitted .....	.....	64	24
Neglected headstones fitted .....	6	6	3
Lots fitted .....	23	11	1
Bodies entombed in 1924 .....	8	2	1
Bodies remaining in tomb .....	2	2	.....
Bodies disinterred in 1924 .....	10	4	4
Interments made in 1924 .....	231	156	52
Interments made in graves 1924 .....	.....	1	49
Interments made in Public Ground .....	.....	.....	101
Interments made in Soldiers, and Sailors' .....	5	.....	6
Total interments 1924 .....	236	157	206
Lots sold in 1924 .....	23	18	33
Graves sold in 1924 .....	.....	.....	49
Prepared lots unsold .....	116	93	334
Value of lots unsold .....	\$36,100	\$18,725	\$30,150
Graves unsold .....	.....	.....	109



**SUMMARY OF WORK DONE IN 1924 (Continued)**

	Rural	Oak Grove	Pine Grove
Value of graves unsold .....			\$1,635
No. of stones cleaned .....	262	558	109
No. of monuments cleaned .....	20	30	19
Trees removed .....	11	28	12
Shrubs removed .....			10
Trees trimmed and pruned .....	232	6	156
Shrubs trimmed and pruned .....	520	65	415
Brick graves built .....	33	16	9
Catch basins built .....			5
Lot numbers made .....		824	
Grave numbers on Soldiers' plot .....			39
Lots in annual care .....	751	522	140
Lots in perpetual care* .....	1,230	949	93
*St. John's 31 Peckham West 29 St. Mary's			77
Cong. Church 23 Friends 30 Griffin St.			1
Private cemetery on Braley Rd.		1	

Respectfully submitted,

SIDNEY B. DEMORANVILLE,

Superintendent of Cemeteries.

## REPORT OF CARETAKER OF SOLDIERS' AND SAILORS' GRAVES.

New Bedford, Mass., Dec. 1, 1924.

To the Honorable City Council of the City of New  
Bedford.

Gentlemen :—

I herewith submit the following report of the work done on neglected Soldiers' and Sailors' graves in the several cemeteries in the City of New Bedford as authorized in Chapter 122, Acts of Legislature, 1914 :—

	Grass Cut on Graves	Graves fitted
Rural Cemetery and Friends Ground.....	127	18
Oak Grove Cemetery .....	157	7
Pine Grove Cemetery .....	9	
Sacred Heart Cemetery .....	15	2
Peckham West Cemetery .....	27	
Cong. Church Cemetery .....	2	1
St. Mary's Cemetery .....	24	3
	361	31

The amount appropriated for this work was Five Hundred dollars (\$500.00), and of this amount \$357.00 was expended for cutting grass and \$95.50 for fitting graves, printing, etc., \$29.75, leaving a balance of \$17.75.

Respectfully submitted,

SIDNEY B. DEMORANVILLE,

Caretaker of Soldiers' and Sailors' Graves.

ANNUAL REPORT

OF THE

CITY CLERK

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year 1924



NEW BEDFORD, MASS.  
THE UNIVERSAL PRESS—PRINTERS  
1925



# Aannul Report of City Clerk

For the year 1924

City of New Bedford,  
City Clerk's Office,  
April 6, 1925.

To the City Council.

Gentlemen:—During the fiscal year 1924, (December 1, 1923, to November 30, 1924, inclusive), there was received in the City Clerk's office and turned into the city treasury the following amounts for licenses and fees:

## LICENSES

Auctioneers,	\$ 92.00
Billiard tables, pool tables, etc.,	2,251.75
Bowling Alleys,	416.00
Sell, rent or lease firearms,	55.00
Carrousels, etc.,	26.00
Hawkers and peddlers of fruit and vegetables,	960.00
Badges,	24.00
Wagon plates,	24.50
Awnings,	7.00
Intelligence offices,	18.00
Junk and second hand dealers,	420.00
Junk collectors,	132.00
Badges,	22.00
Wagon plates,	22.00
Pawnbrokers,	250.00
Petroleum (G. L., Chap. 148, Sec. 14)	82.00
Petroleum registrations,	211.00
Gunpowder,	1.00
Gunpowder registrations,	1.00
Scallops,	62.00
Sausages, etc.,	22.00
Dry cleaning establishment registrations,	1.50
Garage (G. L., Chap. 148, Secs. 14-15),	718.00
Garage registrations,	790.00
Public vehicles,	527.00
Seals,	263.75
Sign permits,	156.00
Building obstructions and building movings,	540.00
Special police officers,	186.50
Hawkers and peddlers of fish,	320.00
Badges,	16.25
Wagon plates,	16.75
Dances,	650.00
Circus,	50.00
Marquees and areaways,	7.00
Theatres,	322.67
Quahogs,	24.00
	<hr/>
	\$9,688.67



## CITY CLERK'S REPORT

## FEES

Intentions of marriages,	\$1,072.00
Mortgages,	1,016.25
Assignments of mortgages,	23.40
Foreclosures of mortgages,	4.20
Discharges of mortgages,	131.30
Bills of sale,	167.70
Assignments of wages,	6.30
Married woman's certificates,	22.05
Voluntary assignments,	11.00
Writs,	.90
Business certificates,	90.00
Transfers of licenses,	22.05
Copies of records,	465.10
Soldiers' and Sailors' discharge papers,	12.25
Physicians' registrations,	3.00
Optometrists' registrations,	1.00
Attested copies of pole orders,	891.59
Assumption of mortgage,	1.00
Declaration of trust,	1.00
Discharge of declaration of trust,	.70
Power of attorney,	2.00
Promissory note,	.70
For issuing hunting, fishing, trapping and lobster licenses,	452.15
For issuing dog licenses 1923,	3.20
For issuing dog licenses 1924,	776.80
By-laws of association,	1.00
	<hr/>
	\$5,178.64

## PAID TO COUNTY AND STATE

## PAID TO TREASURER OF BRISTOL COUNTY

For dog licenses 1923,	\$ 46.80
For dog licenses 1924,	10,040.20
	<hr/>
	\$10,087.00

## PAID TO DIVISION OF FISHERIES AND GAME

For combination certificates to hunt, fish and trap (resident citizens),	\$1,182.05
For hunting and trapping certificates, (resi- dent citizens),	702.95
For combination certificates to hunt, fish and trap (non-resident citizens),	19.50
For minor trappers' certificates,	.20
For fishing certificates (resident citizens)	953.55
For fishing certificates (non-resident citi- zens),	14.40
For fishing certificates (aliens),	53.45
For lobster fishermen's licenses (resi- dent citizens),	8.50
For lobster fishermen's licenses (aliens),	20.40
	<hr/>
	\$2,955.00

## CITY CLERK'S REPORT

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## RECAPITULATION

Licenses,	\$ 9,688.67	
Fees,	5,178.64	
Returned to County,	10,087.00	
Returned to State,	2,955.00	
		<hr/>
		\$27,909.31

## BIRTH DATA FOR 1924

Returned by physicians, midwives and parents,	3,128	
Returned by churches (baptisms) and not otherwise,	47	
Obtained through canvass and not otherwise,	8	
Obtained through death reports and not otherwise,	0	
Born in New Bedford, resident of parents, elsewhere,	147	
Born out of city, resident of parents New Bedford,	63	
		<hr/>
Total, including stillbirths,	3,393	
Decrease in 1924 from 1923,	87	
Males,	1,669	
Females,	1,724	
Number of cases of twins,	39	
Number of stillbirths,	152	
Born of American born parents,	976	
Born of foreign born parents,	1,599	
Born of American father and foreign mother,	336	
Born of foreign father and American mother,	395	
Born of American mother and father of unknow nationality	57	
Born of foreign mother and father of unknown nationality,	30	
		<hr/>
		3,393

## MARRIAGE DATA FOR 1924

1924 Marriage intentions,	1,063	
1923 Marriage intentions,	1,356	
		<hr/>
Decrease,	293	
1924 Marriages,	1,169	
1923 Marriages,	1,416	
		<hr/>
Decrease,	247	

## DEATH DATA FOR 1924

Total number of deaths recorded,	1,602	
As follows:		
Deaths in New Bedford—Males	690	
Females,	659	
Stillbirths,	159	
		<hr/>
	1,508	
Deaths of New Bedford residents reported from out of the city,		94

## STATISTICS OF 1,349 DEATHS IN NEW BEDFORD

Under 5 years of age,	334	
5 to 10 years of age,	21	
10 to 20 years of age,	52	
20 to 30 years of age,	67	
30 to 40 years of age,	81	
40 to 50 years of age,	132	

## CITY CLERK'S REPORT

50 to 60 years of age,	169
60 to 70 years of age,	204
70 to 80 years of age,	182
80 to 90 years of age,	95
Over 90 years of age,	12
Oldest person to die,	96 years
Born in New Bedford,	509
Born in other places in the United States,	277
Born in Canada,	139
Born in Portugal,	179
Born in England,	100
Born in all other foreign countries,	141
Birthplace unknown,	4
Deaths from tubercular causes,	120
Deaths due to cancer,	95
Deaths due to tumor,	2
Deaths reported by medical examiners,	175

## SUMMARY OF ELECTIONS

There were four elections held in New Bedford during the year 1924, as follows:—presidential primary on April 29, 1924; state primary on September 9, 1924; state election on November 4, 1924; and the municipal election on December 2, 1924.

## STATE ELECTION

The vote at the state election November 4, 1924, follows:—

	Vote of the city
ELECTORS OF PRESIDENT AND VICE PRESIDENT:—	
Coolidge and Dawes, Republican,	15,952
Davis and Bryan, Democratic,	4,741
Foster and Gitlow, Workers Party,	44
Johns and Reynolds, Socialist Labor Party,	57
LaFollette and Wheeler, Independent Progressive,	3,311
Blanks,	1,718

## GOVERNOR:—

John J. Ballam of Boston, Workers Party,	385
James M. Curley of Boston, Democratic,	9,117
Alvan T. Fuller of Malden, Republican,	14,495
James Hayes of Plymouth, Socialist Labor Party,	272
Walter S. Hutchins of Greenfield, Socialist Party,	210
Scattering,	1
Blanks,	1,343

## LIEUTENANT GOVERNOR:—

Frank G. Allen of Norwood, Republican,	14,330
John J. Cummings of Boston, Democratic,	7,605
Arthur A. Cunnning of Boston, Socialist Labor Party,	387
Thomas Nicholson of Lawrence, Socialist Party,	308
Edward Rand Stevens of Boston, Workers Party,	457
Blanks,	2,736

## CITY CLERK'S REPORT

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Vote of  
the city

## SECRETARY:—

Frederic W. Cook of Somerville, Republican,	14,545
Winfield A. Dwyer of Boston, Workers Party,	672
Samuel Leger of Boston, Socialist Labor Party,	461
H. Oscar Rocheleau of Worcester, Democratic,	6,480
Edith Williams of Brookline, Socialist Party,	354
Blanks,	3,311

## TREASURER:—

Michael L. Eisner of Pittsfield, Democratic,	6,001
Patrick H. Loftus of Abington, Socialist Labor Party,	899
Louis Marcus of Boston, Socialist Party,	443
Albert Oddie of Brockton, Workers Party	522
William S. Youngman of Boston, Republican,	14,159
Blanks,	3,799

## AUDITOR:—

Strabo V. Claggett of Newton, Democratic,	7,718
Alonzo B. Cook of Boston, Republican,	12,636
Isidore Harris of Boston, Socialist Labor Party,	453
James J. Lacey of Boston, Workers Party,	575
Dennis F. Reagan of Brockton, Socialist Party,	516
Blanks,	3,925

## ATTORNEY GENERAL:—

Jay R. Benton of Belmont, Republican,	14,144
Harry J. Canter of Boston, Workers Party,	606
Frederick Oelcher of Peabody, Socialist Labor Party,	386
John Weaver Sherman of Boston, Socialist Party,	364
John E. Swift of Milford, Democratic,	6,407
Blanks,	3,916

## SENATOR IN CONGRESS:—

Frederick H. Gillett of Springfield, Republican,	12,851
Antoinette F. Konikow of Boston, Workers Party,	517
David I. Walsh of Fitchburg, Democratic,	10,236
Blanks,	2,219

## CONGRESSMAN—Sixteenth District:—

John H. Backus, Jr., of New Bedford, Democratic,	8,923
Charles L. Gifford of Barnstable, Republican,	13,277
Alvin C. Howes of Middleborough, Independent Pro-	
gressive,	926
Scattering,	2
Blanks,	2,695

## COUNCILLOR—First District:—

Anthony J. Hohman of Abington, Democratic,	6,673
Elwin T. Wright of Rockland, Republican,	13,801
Scattering,	2
Blanks,	5,347

## SENATOR—Third Bristol District:—

Alfred M. Bessette of New Bedford, Republican,	16,541
James W. Howard of New Bedford, Democratic,	5,035
Scattering,	1
Blanks,	4,246

### REPRESENTATIVES IN GENERAL COURT—7th Bristol District—Two

Walter Barnes of New Bedford, Labor Party,	2,107
Oscar U. Dionne of New Bedford, Republican,	7,371
John T. Sloane of New Bedford, Democratic,	3,642
Lawrence T. Woolfenden of New Bedford, Republican,	6,454
Scattering,	1
Blanks,	7,725

### REPRESENTATIVES IN GENERAL COURT—8th Bristol District—Three

Robert L. Baylies of New Bedford, Republican,	7,310
John A. Brennan of New Bedford, Democratic,	2,200
Andrew P. Doyle of New Bedford, Republican,	8,217
Edgar F. Howland of New Bedford, Republican,	6,901
Manuel Joseph of New Bedford, Democratic,	1,683
James O'Rourke of New Bedford, Democratic,	2,534
Blanks,	7,674

### COUNTY COMMISSIONERS—Bristol—Two:—

John I. Bryant of Fairhaven, Republican,	18,483
Richard E. Warner of Taunton, Republican,	14,890
Scattering,	5
Blanks,	18,268

### REGISTER OF PROBATE AND INSOLVENCY—Bristol County

Guilford C. Hathaway of Fall River, Republican,	17,639
Blanks,	8,184

### COUNTY TREASURER—Bristol County:—

Esther Kingman of Taunton, Republican,	17,174
Blanks,	8,649

### CLERK OF COURTS—Bristol County (to fill vacancy):—

Edwin L. Barney of New Bedford, Republican,	18,110
Scattering,	2
Blanks,	7,711

### REFERENDUM QUESTION NO. 1—Amendment to Constitution

Shall an amendment to the constitution relative to the qualifications of voters for certain state officers (striking out the word "male"), which received in a joint session of the two Houses held May 24, 1921, 258 votes in the affirmative and none in the negative, and at a joint session of the two Houses held May 10, 1923, received 254 votes in the affirmative and none in the negative, be approved?

Yes,	9,122
No,	6,193
Blanks,	10,508

### REFERENDUM QUESTION NO. 2—Amendment to Constitution

Shall an amendment to the constitution to enable women to hold any state county or municipal office, and which further provides that a change of name of any woman holding a Notary Public Commission, shall not render her commission void but she shall re-register under her new name and shall pay such fee therefor as shall be established by the general court, which



received in a joint session of the two Houses held May 24, 1921, 216 votes in the affirmative and none in the negative, and at a joint session of the two Houses held May 10, 1923, received 258 votes in the affirmative and none in the negative, be approved?

Yes,	9,209
No,	7,083
Blanks,	9,531

#### REFERENDUM QUESTION NO. 3

Shall a law (Chapter 370 of the Acts of 1923) which provides that no person shall manufacture, transport by aircraft, watercraft or vehicles, import or export spirituous or intoxicating liquor, as defined by section 3 of Chapter 138 of the General Laws, or certain non-intoxicating beverages, as defined by section 1 of said chapter 138, unless in each instance he shall have obtained the permit or other authority required therefor by the laws of the United States and the regulations made thereunder, which law was approved by both branches of the General Court by votes not recorded, and was approved by His Excellency the Governor, be approved?

Yes,	7,992
No,	12,248
Blanks,	5,583

#### REFERENDUM QUESTION NO. 4

Shall a law (Chapter 454 of the Acts of 1923) which provides for the raising of funds toward the cost of the construction and maintenance of highways by means of an excise tax of two cents on each gallon of gasoline and other fuel used for propelling motor vehicles on the highways of the Commonwealth, said tax to be paid by the purchaser to the distributor, who, in turn, pays it to the Commonwealth, and the money to be credited to a fund to be known as the gasoline-highway fund, out of which reimbursement is to be made to the purchasers, who shall consume the gasoline or other fuel in any manner except in the operation of motor vehicles on the highways, and the expenses of carrying out the act are to be paid, fifty per cent of the balance of said fund to be distributed to the cities and towns of the Commonwealth, in proportion to the amounts which they contribute to the State tax, and this fifty per cent to be expended in construction or improvement of public ways within the city or town limits, and the other fifty per cent to be expended by the State Department of Public Works on such highways as it may select, which law was approved by both branches of the General Court by votes not recorded, and was approved by His Excellency the Governor, be approved?

Yes,	4,280
No,	14,307
Blanks,	7,236

#### REFERENDUM QUESTION NO. 5

Shall a law (Chapter 473 of the Acts of 1923) which amends existing legislation on the same subject and provides that, subject to certain limitations, no person shall engage or be financially interested in the business of receiving deposits of money

for safe keeping or for the purpose of transmitting the same or equivalents thereof to foreign countries unless he has executed and delivered a bond to the State Treasurer, or deposited securities in lieu thereof, and has received a license from the Commissioner of Banks authorizing him to carry on such business; that any money which in case of breach of bond shall be paid by the licensee or surety thereon, or the securities deposited in lieu thereof, shall constitute a trust fund for the benefit of depositors; that the license shall be revocable by the Commissioner of Banks for cause shown; that the money deposited with licensees for safe keeping shall be invested in the manner prescribed by the act; and that the violation of any provision of the act shall be punished in the manner therein prescribed, which law was approved by both branches of the General Court by votes not recorded, and was approved by His Excellency the Governor, be approved?

Yes,	9,141
No,	4,599
Blanks,	12,083

#### REFERENDUM QUESTION NO. 6

"Shall daylight saving be retained by law in Massachusetts?"

Yes,	13,822
No,	6,040
Blanks,	5,961

#### REFERENDUM QUESTION NO. 7

Is it desirable that the general court ratify the following proposed amendment to the constitution of the United States:—  
 "SECTION 1. The Congress shall have power to limit, regulate, and prohibit the labor of persons under eighteen years of age.  
 SECTION 2. The power of the several states is unimpaired by this articles except that the operation of state laws shall be suspended to the extent necessary to give effect to legislation enacted by the Congress?"

Yes,	7,391
No,	12,382
Blanks,	6,050

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Number of absent ballots cast,	115
Number of absent ballots rejected as defective,	1
Number of absent ballots rejected, voter having voted in person,	1
Number of names checked on voting lists,	25,806
Number of certificates issued,	17
Total number of ballots cast,	25,823

## MUNICIPAL ELECTION

The result of the biennial municipal election December 2, 1924, follows:—

\* indicates candidate elected

## MAYOR:—

George A. Blake, People's Progressive,	743
Edward R. Hathaway, Progressive Citizens Party,	16,069*
Fred L. Hathaway, Hathaway Party,	301
Walter H. B. Remington, { Remington Deserves Reelection,	9,476
Scattering,	15
Blanks,	360

## ALDERMAN, Ward One:—

Ulric E. Collette, Progressive Citizens Party,	13,348*
Archie D. Irwin, People's Progressive,	2,461
Patrick Kelly, Hathaway Party,	1,490
Jeffrey W. LeBlanc, Remington,	6,832
Blanks,	2,833

## ALDERMAN, Ward Two:—

John W. Dixon, Remington,	7,802
Thomas Harry Margeson, Progressive Citizens Party,	13,084*
John Sykes, Hathaway Party,	993
John Tremblay,	1,942
Scattering,	1
Blanks,	3,142

## ALDERMAN, Ward Three:—

William Almond, Hathaway Party,	1,567
Oscar D. Kelleher, Remington,	9,685
Leander M. Reed, People's Progressive,	1,299
Henry S. Winslow, Progressive Citizens Party,	11,392*
Scattering,	1
Blanks,	3,020

## ALDERMAN, Ward Four:—

John W. Blenkiron, People's Progressive,	992
Robert Jackson, Hathaway Party,	1,377
William J. Kerwin, Jr., Progressive Citizens Party,	13,420*
Percy A. Woodland, Remington,	8,022
Blanks,	3,153

## ALDERMAN, Ward Five:—

William R. Benoit, Remington,	8,710
William G. Morrison, Hathaway Party,	1,566
John Mullaney, People's Progressive,	1,461
William E. Parker, Progressive Citizens Party,	11,908*
Blanks,	3,319

## ALDERMAN, Ward Six:—

John Catterall, Progressive Citizens Party,	13,261*
Jules J. Frates, Hathaway Party,	1,099
Manuel S. Soares, Jr., People's Progressive,	1,145
John T. Wilkinson, Remington,	8,103
Scattering,	1
Blanks,	3,355

## ASSESSOR AT LARGE—Six Years:—

Henry Arkison, Progressive Citizens Party,	4,610
Charles S. Baylies, Independent,	1,274
Arthur H. Borden, Independent,	561
Charles E. Chadwick, Independent,	293
D. Herbert Cook, Independent,	1,329
Mary L. Finnell, Independent,	7,114*
John Halliwell, Independent,	4,299
Joseph J. Pfaffenzeller, Independent,	1,472
Napoleon G. A. Pouliot, Independent,	2,801
Manuel S. Quadros, Independent,	469
Nathaniel P. Sowle, Independent,	1,448
Scattering,	1
Blanks,	1,293

## ASSESSOR AT LARGE—Two Years, to fill vacancy:—

William J. Abrams, Independent,	12,015*
Louis Napoleon Blanchette, Progressive Citizens Party,	9,720
William M. Malone, Independent,	2,164
Scattering,	1
Blanks,	3,064

## SCHOOL COMMITTEE—Four Years—Three:—

Charles F. Archambault, Citizens School League	
Public School Association,	16,012*
Olive S. Barney, Public School Association,	11,898
Hazel C. Burton, Citizens School League,	12,473*
Joseph Eccleston, Citizens School League,	11,829
Rufus A. Soule, Jr., Public School Association,	14,424*
Scattering,	1
Blanks,	14,255

## COMMON COUNCILMEN—Two Years—Ward One—Four:—

Walter Baillargeon, Progressive Citizens Party,	3,600*
Henry H. Bowles, Remington,	1,483
Arcade Dagesse, Progressive Citizens Party,	3,626*
Napoleon J. Gouette, Progressive Citizens Prty,	3,384*
Ernest H. Hall, Remington,	1,509
J. Ovide Isabelle, Remington,	1,357
Arthur Poineau, Independent,	517
Charles Rosparka, People's Progressive,	611
Adelard Sauve, Remington,	1,860
Haworth Taylor, Progressive Citizens Party,	2,972*
Blanks,	3,669

## COMMON COUNCILMEN—Two Years—Ward Two—Four:—

Joseph L. Aillery, Remington,	1,433
William R. Balderson, Progressive Citizens Party,	2,364*
Walter Baldwin, Jr., Progressive Citizens Party,	2,210*
Joseph Booker, Remington,	1,072
Chester H. Crossley, Remington,	1,177
Austin Fowler, Progressive Citizens Party,	2,455*
John J. Murray, Progressive Citizens Party,	2,277*
Joseph Roberts, Remington,	1,116
Scattering,	2
Blanks,	2,486



## CITY CLERK'S REPORT

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## COMMON COUNCILMEN—Two Years—Ward Three—Four:—

Matthew J. Donovan, Progressive Citizens Party,	1,850*
Frederick J. Dyer, Remington,	1,542
George A. Moorehouse, Progressive Citizens Party,	2,030*
James T. Moriarty, Remington,	1,366
Eugene B. Sheerin, Progressive Citizens Party,	1,863*
Alice P. Shockley, Remington,	1,729
George H. Sistare, Remington,	1,751*
J. Edward Williams, Progressive Citizens Party,	1,744
Scattering,	2
Blanks,	2,111

## COMMON COUNCILMEN—Two Years—Ward Four—Four:—

Jesse S. Allen, People's Progressive,	501
Nicholas G. Beck, Remington,	1,583*
Gardner W. Bullard, Remington,	1,685*
Lawrence M. Cabral, People's Progressive,	182
Harold J. Cotter, Progressive Citizens Party,	1,449
William B. Ferguson, Progressive Citizens Party,	1,585*
William Fitton, Remington,	1,478
William D. Harris, Progressive Citizens Party,	1,225
George W. Mahon, Remington,	1,523*
Charles H. Purrington, People's Progressive,	398
Alden R. Tripp, People's Progressive,	329
Albert E. Welsh, Progressive Citizens Party,	1,450
Scattering,	1
Blanks,	1,899

## COMMON COUNCILMEN—Two Years—Ward Five—Four:—

Otto Carl Banks, Progressive Citizens Party,	1,846*
L. Rodman Doane, Progressive Citizens Party,	1,900*
Milton S. Handford, Remington,	1,543
William A. Holmes, People's Progressive Party,	628
Paul C. Howes, Remington,	1,612
William Martin, Progressive Citizens Party,	1,766*
Thomas A. Morrison, Progressive Citizens Party,	1,693*
John P. Neagus, Remington,	1,566
Antonio Claudio Vieira, Remington,	1,319
Scattering,	1
Blanks,	2,498

## COMMON COUNCILMEN—Two Years—Ward Six—Four:—

Henry Bolton, Independent,	1,249
Wilfred Brimley, Progressive Citizens Party,	2,734*
Edward F. Delaney, Progressive Citizens Party,	2,946*
Manuel Faria, Jr., Remington,	718
Louis Z. Fauteux, Progressive Citizens Party,	2,610*
Joseph Gagne, Remington,	942
William Norse, Progressive Citizens Party,	2,580*
Alfred H. Saulnier, Remington,	1,166
Frank K. Sparling, Remington,	1,031
Blanks,	3,048



## CITY CLERK'S REPORT

Shall licenses be granted for the sale of certain non-intoxicating beverages in this city?

Yes,	14,803
No,	7,871
Blanks,	4,290
Number of names checked on voting list,	26,959
Number of certificates issued,	5
Total number of ballots cast,	26,964

Respectfully submitted,

RODOLPHUS A. SWAN,

City Clerk.

CITY OF NEW BEDFORD.

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IN BOARD OF ALDERMEN,  
April 9, 1925.

Received, ordered printed in the city documents,  
and sent down for concurrence.

RODOLPHUS A. SWAN,  
City Clerk.

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IN COMMON COUNCIL.  
April 9, 1925.

Concurred.

RUTH G. HILTON,  
Clerk.



THE  
**Auditor's Annual Report**

OF THE  
**Receipts and Expenditures**

OF THE  
**CITY OF NEW BEDFORD**  
**MASSACHUSETTS**

**For the Year**

**1924**

NEW BEDFORD, MASS.  
THE UNIVERSAL PRESS—14 NO. SECOND ST.  
1925

## CITY OF NEW BEDFORD

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OFFICE OF THE CITY AUDITOR.

*To the Honorable the City Council:*

I respectfully submit herewith a report of the receipts and expenditures of the city of New Bedford for the financial year 1924, with a statement of the bonded debt and a schedule of the city property.

CHARLES J. McGURK,

City Auditor.



## APPROPRIATION, RECEIPTS AND EXPENDITURES, FINANCIAL YEAR 1924.

ACCOUNTS	Appropriations from the Revenue of 1924	Appropriations from the Pro- ceeds of Bond Issues and Revenues of Prior Years.	Cash Receipts and Other Credits	Expenditures for 1924
Bath houses .....	\$13,000.00		\$4,028.30	\$12,979.39
Board of assessors .....	26,500.00			24,708.41
Board of health .....	206,000.00		27,088.32	208,849.85
Board of public welfare .....	289,000.00		61,708.42	347,851.25
Board of survey .....	100.00			16.00
Bonds .....	1,094,000.00		1,342,000.00	1,245,000.00
Bridges .....	33,000.00			32,295.07
Cemetery board .....	45,000.00		31,910.61	76,571.68
Cemeteries, sale of lots .....			10,165.00	8,242.76
Cemetery 6% income fund .....			3,208.20	1,741.04
City auditor .....	11,640.00			11,235.09
City clerk .....	36,000.00		14,867.81	32,628.82
City council .....	8,000.00		144.00	7,287.82
City forestry .....	26,000.00			26,304.21
City messenger .....	55,000.00		2,173.40	55,291.78
City property committee .....	6,000.00		5,332.85	5,837.28
City physician .....	1,200.00			1,337.07
City solicitor .....	4,000.00			4,052.52
City treasurer and collector .....	39,000.00		6,416.69	35,842.01
Clarks' cove sea wall .....		\$10,000.00		8,114.14
Clerk of committees .....	6,800.00			6,471.87
Committee on claims .....	400.00			341.00
Community social centers .....	12,200.00			10,632.90
Court judgments .....				4,997.05
Department of wharves .....			5,268.86	5,169.84
Elections .....	15,000.00			17,201.26
Engineering .....	48,000.00		168.77	45,480.27
Fire department .....	475,000.00		573.83	473,277.97
Fire department repair shop .....		15,000.00		12,302.63
Fire service truck .....	10,000.00			10,000.00
Fourth of July .....	3,000.00			2,998.42
Garbage collections .....	57,216.00			57,216.00
Garbage disposal .....	40,000.00		3,594.41	36,130.10
Harbor master .....	457.00			457.00
Highways .....	500,000.00		351,876.15	852,641.78
Highway improvement .....	53,000.00	400,000.00	62,856.89	516,119.55
Highways, land damages .....	53,000.00	200,000.00	4,404.48	7,273.21
Highways macadam .....	128,000.00	142,000.00	3,017.37	294,796.21
Inspector of animals .....	600.00			600.00
Inspector of buildings .....	19,000.00		3,002.50	18,934.05
Inspector of wires .....	22,000.00			21,998.88
Inspector of wires, police signals .....	10,000.00			9,988.62
Interest .....	593,000.00		44,198.13	621,392.46
Labor service registrar .....	600.00			539.20
Land and buildings, 1923 .....	53,000.00			
Licensing board .....	3,650.00		6,095.75	3,612.04
Liquor licenses .....			40.00	11.50
Mayor .....	17,000.00		2,698.00	14,524.89
Memorial Day .....	2,100.00			2,030.83
Military aid .....	1,500.00		1,369.50	3,449.00
Militia and armories .....	1,500.00			1,465.29
Municipal garage .....		30,000.00		29,784.59
Municipal hospital .....				1,694.14
New Bedford Textile School .....	10,000.00			10,000.00
New Bedford vocational school .....	130,000.00		71,525.51	134,069.05
New Bedford water works .....			455,410.06	473,276.56
New Bedford water works, C. 65, 1923 .....		150,000.00	489.17	223,822.03
Notes, temporary loans .....			4,800,000.00	4,510,000.00
Park commission .....	85,000.00		1,279.82	83,637.72
Park land sale .....			29,895.70	
Planning board .....	7,500.00			7,213.22
Playgrounds .....	10,000.00			9,577.85
Playground land .....		20,000.00		20,000.00
Police .....	485,000.00		48,150.61	519,882.76
Police garage addition .....		10,000.00		4,098.75
Premium on bonds .....			1,899.91	900.00
Public library .....	60,000.00		1,675.38	59,979.50
Public library, branch, south end .....		50,000.00		17,000.00
Public library, dog fund .....			3,998.71	5,731.88
Public library, J. B. Congdon fund .....			22.50	42.30
Public library, George O. Crocker fund .....			448.40	812.64
Public library, Oliver Crocker fund .....			45.00	68.66
Public library, George Howland, Jr. fund .....			72.00	52.55
Public library, S. A. Howland fund .....			2,136.57	1,586.66
Public library, Kempton fund .....			10,184.78	11,641.61
Public library, C. W. Morgan fund .....			45.00	92.64
Public library, C. L. Wood fund .....			90.00	133.69
Public schools, boiler insurance .....			668.73	668.73
Public school buildings, furnishings .....				871.00
Public school gymnasium .....				14,058.83
Public school land, 1924 .....		22,000.00		20,648.77
Public school, Mount Pleasant street .....				230.44
Public school, Rochambeau street .....				444.98
Public school, Sassaquin .....				31,919.39
Public schools, Swift portables .....	4,700.00			4,644.29
Public schools, fire protection .....				937.59
Public schools, fire sprinklers .....		26,000.00		25,909.32
Public schools, continuation schools .....	77,500.00		35,863.23	75,781.12
Public schools, incidentals .....	325,000.00		21,772.38	298,354.17
Public schools, pay of teachers .....	1,200,000.00			1,186,278.76
Public schools, repair of buildings .....	50,000.00			54,499.30
Public schools, J. Bourne prize fund .....			60.00	60.00
Public schools, S. A. Howland fund .....			2,136.57	1,117.70
Public schools, C. S. Paisler fund .....			870.09	829.97
Public schools, dog fund .....			3,998.72	3,654.40
Refunds and duplications .....			13,972.98	601.83
Registrars of voters .....	9,000.00			8,700.39
Rent, American Legion headquarters .....	2,000.00			2,000.00
Rent, G. A. R. headquarters .....	1,200.00			1,200.00
Sanitary station, north end .....		25,000.00		
Sealer of weights and measures .....	11,000.00		2,093.66	10,989.46
Sewage disposal .....	43,000.00		418.90	36,054.09
Sewer construction .....	15,000.00	150,000.00	54,305.86	217,561.45
Sewer entry fees .....			270.00	
Sewers and drains .....	55,000.00		68,030.09	95,725.17
Shellfish commission .....				139.22
Sinking fund commissioners .....	400.00			380.00
Smith-Hughes fund, continuation schools .....			3,737.79	2,945.61
Smith-Hughes fund, vocational school .....			7,615.15	4,100.58
Soldiers burials .....			385.20	337.00
Soldiers and sailors graves .....	500.00			482.25
Soldiers relief .....	40,000.00		100.50	31,684.06
Soldiers tax exemptions .....				851.35
State aid .....			5,526.00	4,808.00
Street lighting .....	120,000.00		2,000.00	116,456.41
Taxes, 1924, city .....			4,470,611.46	
Taxes, 1924, corporation .....			962,822.26	2,260.75
Taxes, 1924, county .....			196,226.95	196,226.95
Taxes, 1924, income .....			378,372.20	
Taxes, 1924, state .....			347,048.32	347,048.32
Taxes of prior years .....			623,019.44	
Vital statistics .....	3,000.00			2,537.29
Totals .....	\$6,764,263.00	\$1,250,000.00	\$14,627,508.84	\$14,204,658.51
SPECIAL RECEIPTS AND DISBURSEMENTS				
BY THE CITY TREASURER:				
Shell fish commission .....				\$2,000.00
Cash discrepancies .....			\$464.27	416.41
Cemetery perpetual care deposits .....			16,670.00	16,490.00
Department advances .....			1,397.73	1,397.73
Highway deposits .....			26,611.42	23,675.99
Special surplus, C. 480, 1924 .....			62,393.67	62,393.67
Salary advances .....			18,348.00	17,990.99
Sewer deposits .....			36,231.69	39,784.49
Pay roll tailings .....				30.38
Unpaid warrants .....			\$14,789,625.62	\$14,668,838.17
Cash .....			279,795.25	791,131.85
			2,019,220.12	1,928,670.97
			\$17,088,640.99	\$17,088,640.99



## RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
<b>Taxes.</b>			
1923. Property .....	\$4,421,093.46		
Polls .....	49,518.00		
Prior Years.			
Property .....	579,823.44		
Polls .....	43,196.00		
From the Commonwealth.			
Corporation .....	923,955.62		
Street railway .....	18,071.93		
National bank .....	20,794.71		
Income .....	378,372.20		
Total .....	\$6,434,825.36		\$6,434,825.36
<b>Licenses and Permits.</b>			
LICENSES.			
Amusements .....	\$3,746.67		
Auctioneers .....	92.00		
Automobile dealers .....	960.00		
Billiards and bowling .....	2,667.75		
Firearms and gunpowder .....	57.00		
Fruit and fish pedlers .....	1,362.00		
Hacks, wagons and motor vehicles	790.75		
Garages .....	718.00		
Health .....	742.95		
Intelligence officer .....	18.00		
Transient vendors .....	250.00		
Junk .....	596.00		
Liquor .....	30.00		
Lodging houses .....	434.00		
Pawnbrokers .....	250.00		
Petroleum .....	293.00		
Soft drinks .....	204.00		
Special police .....	186.50		
Sunday .....	3,286.00		
Victuallers .....	1,165.00		
PERMITS.			
Awnings .....	14.00		
Building obstructions .....	540.00		
Dry cleaning .....	1.50		
Garages .....	790.00		
Marriage .....	1,072.00		
Sausage .....	22.00		
Shellfish .....	86.00		
Signs .....	156.00		
Boxing exhibitions .....	1,365.11		
Total .....	\$21,896.23		\$21,896.23

## RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
<b>Fines and Forfeits.</b>			
Court fines .....	\$38,704.90		
Total .....	\$38,704.90		\$38,704.90
<b>Grants and Gifts.</b>			
From Bristol County, dog fund..	\$7,997.43		
From the Commonwealth:			
Americanization in schools....	12,335.32		
Continuation schools .....	30,082.17		
Defective sight classes .....	1,000.00		
Smth-Hughes fund .....	11,352.94		
Vocational school .....	50,545.57		
Total .....	\$113,313.43		\$113,313.43
<b>Special Assessments.</b>			
Sewer construction .....		\$50,332.46	
Highway construction .....		35,932.41	
Total .....		\$86,264.87	\$86,264.87
<b>Departmental.</b>			
GENERAL GOVERNMENT.			
City clerk, fees and sundries....	\$4,106.64		
City collector, costs and fees....	6,166.69		
City property committee, rent and sales .....	1,611.27		
Engineering, sales .....	168.77		
Licensing board, fees .....	46.75		
Total .....	\$12,100.12		\$12,100.12
PROTECTION OF LIFE AND PROPERTY.			
Police, reimbursements and sales	\$50.27		
Fire department, reimbursements and sales .....	561.83		
City sealer, fees .....	2,093.66		
Garage and elevator inspection..	3,002.50		
Motor truck inspection .....	144.00		
Total .....	\$5,852.26		\$5,852.26
HEALTH AND SANITATION.			
Board of health, reimbursements	\$26,338.57		
Sewage disposal, sales .....	43.00		
Sewer entry fees .....	270.00		
Sewer service and supplies ....	34,389.39		
Garbage disposal, rent and sales	3,594.41		
Sanitary station, fees .....	2,178.40		
Total .....	\$66,813.77		\$66,813.77



## RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
<b>HIGHWAYS.</b>			
Highways, service and supplies..	\$21,074.27		
Highway improvement, receipts.		\$21,380.42	
Street light posts, reimbursements		2,000.00	
Total .....	\$21,074.27	\$23,380.42	\$44,454.69
<b>CHARITIES.</b>			
Almshouse, sales .....	\$2,676.44		
From individuals .....	3,094.88		
From other cities and towns....	8,073.63		
From the Commonwealth .....	18,122.70		
Mothers aid, from the Com'lth..	27,674.67		
Mothers aid, from other towns..	1,022.42		
Total .....	\$60,664.74		\$60,664.74
<b>SOLDIERS BENEFITS.</b>			
Burial of soldiers .....	\$385.20		
Military aid .....	1,369.50		
State aid .....	5,526.00		
Soldiers relief .....	100.50		
Total .....	\$7,381.20		\$7,381.20
<b>SCHOOLS.</b>			
Public schools, sales .....	\$444.98		
Public schools, tuition .....	7,992.08		
Vocational school, sales .....	4,567.82		
Vocational school, tuition .....	15,595.83		
Continuation schools, sales .....	573.50		
Continuation schools, tuition ...	5,207.56		
Total .....	\$34,381.77		\$34,381.77
<b>LIBRARIES.</b>			
Fines .....	\$1,640.94		
Sales .....	34.44		
Total .....	\$1,675.38		\$1,675.38
<b>RECREATION.</b>			
Bathing houses, fees .....	\$3,689.80		
Bathing houses, rent .....	338.50		
Parks, rent .....	1,235.00		
Parks, sales .....	44.82	\$29,895.70	
Total .....	\$5,308.12	\$29,895.70	\$35,203.82
<b>Total Departmental .....</b>			<b>\$268,527.75</b>



## RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
<b>Public Service Enterprises.</b>			
NEW BEDFORD WATER WORKS.			
From sales of water .....	\$373,992.00		
From other sources .....	61,715.53		
Total .....	\$435,707.53		\$435,707.53
NEW BEDFORD WATER WORKS, CHAPTER 65, 1923.			
Sales of materials .....		\$489.17	
Total .....		\$489.17	\$489.17
DEPARTMENT OF WHARVES.			
Dockage .....	\$105.00		
Rent .....	3,396.98		
Water .....	20.25		
Wharfage .....	1,746.63		
Total .....	\$5,268.86		\$5,268.86
<b>Total Public Service Enterprises....</b>			<b>\$441,465.56</b>
<b>Cemeteries.</b>			
Care of lots and graves.....	\$29,726.57		
Sale of lots and graves .....		\$10,165.00	
<b>Total, Cemeteries .....</b>	<b>\$29,726.57</b>	<b>\$10,165.00</b>	<b>\$39,891.57</b>
<b>Interest.</b>			
On assessments .....	\$1,107.78		
On deferred taxes .....	18,608.49		
On bank deposits .....	20,191.15		
On bills discounted .....	633.72		
On library funds .....	13,044.25		
On school funds .....	3,051.66		
<b>Total, Interest .....</b>	<b>\$56,637.05</b>		<b>\$56,637.05</b>

## RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Indebtedness	Total
<b>Municipal Indebtedness.</b>			
Temporary revenue loan notes...		\$4,800,000.00	
Highway improvement bonds ...		400,000.00	
Highway macadam bonds .....		142,000.00	
Highway land damage bonds ..		200,000.00	
Land and building bonds.....		105,000.00	
School loan bonds .....		25,000.00	
Sewer loan bonds .....		150,000.00	
Water loan bonds .....		150,000.00	
Unpaid warrants of current year		279,795.25	
Premiums on bonds .....	\$1,899.91		
Sale of real estate .....	3,721.58		
<b>Total, Municipal Indebtedness.....</b>	<b>\$5,621.49</b>	<b>\$6,251,795.25</b>	<b>\$6,257,416.74</b>
SOURCES OF RECEIPTS		Temporary Accounts	Total
<b>Agency and Trust Funds.</b>			
State tax .....		\$347,048.32	
County tax .....		196,226.95	
Liquor licenses for Com'lth....		10.00	
Cash discrepancies .....		464.27	
Cemetery perpetual care deposits		16,670.00	
Department advances .....		1,397.73	
Salary advances .....		18,348.00	
Sewer deposits .....		36,231.69	
Highway deposits .....		26,611.42	
Special surplus, C. 480, 1924....		62,393.67	
<b>Total, Agency and Trust Funds....</b>		<b>\$705,402.05</b>	<b>\$705,402.05</b>
<b>Refunds.</b>			
Sundry department .....		\$2,932.90	
Accrued interest ....		2,156.69	
Civilian war poll tax .....		11,844.00	
<b>Total, Refunds .....</b>		<b>\$16,933.59</b>	<b>\$16,933.59</b>
<b>Sinking Funds.</b>			
From sinking fund commission..		\$170,000.00	
<b>Total, Sinking Funds .....</b>		<b>\$170,000.00</b>	<b>\$170,000.00</b>
<b>Total Cash Receipts .....</b>			<b>\$14,651,279.10</b>
Service, interest and minor transfers			418,141.77
			<b>\$15,069,420.87</b>
Cash at the beginning of the year			2,019,220.12
<b>Total .....</b>			<b>\$17,088,640.99</b>

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>DEPARTMENTAL.</b>			
<b>General Government.</b>			
<b>CITY COUNCIL.</b>			
Salaries of aldermen (6) .....	\$600.00		
Salary clerk of common council..	500.00		
Clerical services .....	501.00		
Motor truck inspector, compensation .....	665.00		
Compensation of pages .....	228.00		
Advertising .....	1,016.53		
Carriage hire .....	476.25		
City council calendar .....	281.50		
City documents .....	987.30		
Committee expenses .....	769.13		
Flag decorations .....	152.46		
Land registry fees .....	286.20		
"Navy Day" expenses .....	639.44		
Printing and stationery .....	185.01		
Total .....	\$7,287.82		\$7,287.82
<b>CLERK OF COMMITTEES.</b>			
Salary of clerk of committees...	\$2,600.00		
Clerk hire .....	2,928.47		
Advertising, printing and stationery .....	703.50		
Furniture and fixtures .....	156.90		
Office expenses .....	82.80		
Total .....	\$6,471.67		\$6,471.67
<b>CITY PROPERTY COMMITTEE.</b>			
Advertising .....	\$221.71		
Auctioneers and appraisers ....	1,152.93		
Committee expenses .....	220.95		
Library repairs .....	2,214.96		
Municipal building repairs .....	896.83		
Municipal garage charges .....		\$459.66	
Police station repairs .....	162.82		
School building tablet .....		120.00	
Veterans fire house repairs ....	387.42		
Total .....	\$5,257.62	\$579.66	\$5,837.28

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>MAYOR:</b>			
Salary of mayor .....	\$7,500.00		
Salary of secretary .....	1,872.00		
Salary of stenographer .....	1,512.00		
Advertising .....	914.09		
Dog officer, compensation .....	128.06		
Entertainment of guests .....	206.90		
"Lafayette-Marne Day" expense .....	290.58		
Military funerals, expenses .....	254.00		
Office supplies and expenses .....	314.73		
Printing and stationery .....	540.71		
Street sprinkler baths .....	88.03		
Telephone and telegraph charges .....	153.79		
Traveling expenses .....	750.00		
Total .....	\$14,524.89		\$14,524.89
<b>AUDITOR.</b>			
Salary of auditor .....	\$4,000.00		
Clerk hire .....	5,715.50		
Adding machine .....		\$142.50	
Office supplies and expenses .....	129.92		
Printing and stationery .....	1,247.17		
Total .....	\$11,092.59	\$142.50	\$11,235.09
<b>TREASURER AND COLLECTOR.</b>			
Salary of treasurer and collector .....	\$4,000.00		
Clerk hire .....	22,776.20		
Pension .....	331.89		
Constable .....	1,825.50		
Carriage hire .....	1,523.00		
Expert services .....	178.00		
Furniture and fixtures .....	407.68		
Legal financial opinions .....	100.00		
Office and traveling expenses ..	354.10		
Postage .....	1,300.68		
Printing and stationery .....	1,619.91		
Protective insurance .....	758.45		
Surety bonds .....	666.60		
Total .....	\$35,842.01		\$35,842.01
<b>ASSESSORS.</b>			
Salaries of assessors (3) .....	\$8,725.75		
Assistant assessors, compensation .....	4,305.00		
Clerk hire .....	6,758.00		
Carriage hire .....	808.52		
Furniture and fixtures .....	537.76	\$1,500.00	
Office and traveling expenses ..	273.64		
Printing and stationery .....	1,799.74		
Total .....	\$23,208.41	\$1,500.00	\$24,708.41

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
LICENSING BOARD.			
Salaries of the board (3) .....	\$1,500.00		
Clerk hire .....	1,714.00		
Advertising, printing and stationery .....	379.64		
Office expenses .....	18.40		
Total .....	\$3,612.04		\$3,612.04
SINKING FUND COMMISSIONERS.			
Salary of treasurer of the funds	\$300.00		
Rent of safe deposit boxes.....	80.00		
Total .....	\$380.00		\$380.00
CITY SOLICITOR.			
Salary of city solicitor .....	\$3,500.00		
Office and traveling expenses...	426.00		
Telephone charges .....	126.52		
Total .....	\$4,052.52		\$4,052.52
CITY CLERK.			
Salary of city clerk .....	3,800.00		
Salary of assistant city clerk...	2,500.00		
Clerk hire .....	20,370.08		
Advertising .....	153.90		
Carriage hire .....	106.00		
Furniture and fixtures .....	531.67	\$1,000.00	
License badges and plates .....	235.63		
Office and traveling expenses...	277.76		
Printing and stationery .....	3,653.78		
Total .....	\$31,628.82	\$1,000.00	\$32,628.82
CITY MESSENGER.			
Salary of city messenger.....	\$200.00		
Pay rolls, municipal building...	35,835.84		
Pension .....	682.76		
Band stands and decorations ...	808.65		
Engine room supplies .....	387.41		
Fuel .....	7,218.05		
Furniture and fixtures .....	447.49		
Ice supply .....	434.25		
Janitor and toilet supplies .....	1,232.06		
Light and power, commercial..	1,478.06		
Machinery repairs .....	637.96		
Minor repairs and service .....	1,017.61		
Telephone service, switch board.	4,044.25		
Water rates .....	654.71		
Miscellaneous charges .....	212.68		
Total .....	\$55,291.78		\$55,291.78



## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
PLANNING BOARD.			
Technical Advisory Corporation.	\$6,700.00		
Clerk hire .....	105.00		
Office and traveling expenses...	68.22		
Printing reports .....	340.00		
Total .....	\$7,213.22		\$7,213.22
ENGINEERING.			
Salary of city engineer .....	\$4,000.00		
Compensation of assistants ....	32,707.64		
Clerk hire .....	2,964.00		
Furniture and fixtures .....	647.53		
Instruments and drawing supplies	1,400.55		
Motor cars, maintenance .....	2,405.67		
Office supplies and expenses ...	286.94		
Printing and stationery .....	753.69		
Special services .....	76.25		
Transportation charges .....	238.00		
Total .....	\$45,480.27		\$45,480.27
SUPERINTENDENT OF PUBLIC BUILDINGS AND INSPECTOR OF BUILDINGS.			
Salary of superintendent and inspector .....	\$3,500.00		
Compensation of assistants ....	9,908.00		
Clerk hire .....	1,976.00		
Car tickets .....	80.00		
Office and traveling expenses ..	287.12		
Motor cars and maintenance ...	1,219.28	\$712.50	
Printing and stationery .....	1,251.15		
Total .....	\$18,221.55	\$712.50	\$18,934.05
ELECTIONS.			
Pay of precinct officers.....	\$9,076.00		
Cost of other services.....	752.22		
Advertising .....	700.23		
Booths and ballot boxes .....	95.00		
Carriage hire and carting.....	824.00		
Polling places, equipment .....	2,174.38		
Polling places, rent .....	1,200.00		
Printing and stationery .....	2,379.43		
Total.....	\$17,201.26		\$17,201.26

PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
REGISTRARS OF VOTERS.			
Salaries of registrars (4).....	\$1,600.00		
Salary of assistant registrar....	200.00		
Clerk hire .....	3,906.76		
Advertising, printing and sta- tionery .....	2,836.53		
Office supplies and expenses ...	157.10		
Total .....	\$8,700.39		\$8,700.39
Total, General Government .....			\$299,401.52

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>Protection of Life and Property.</b>			
POLICE.			
Pay rolls, salaries and wages ..	\$487,564.78		
Pay rolls, pensions .....	12,796.86		
Keeper of lockup .....	100.00		
Equipment and supplies .....	1,460.23		
Fuel .....	2,084.37		
Furniture and fixtures .....	497.66		
Lighting charges .....	1,587.56		
Janitor supplies .....	821.03		
Meals of prisoners .....	289.90		
Motor vehicles and maintenance.	5,765.31	\$300.00	
Printing and stationery .....	1,592.15		
Repairs to stations .....	1,262.68		
Telephone and telegraph services	2,272.88		
Traveling and office expenses ..	453.12		
Uniform repairs and insignia...	647.23		
Water supply .....	386.97		
Total .....	\$519,582.76	\$300.00	\$519,882.76
POLICE STATION GARAGE ADDITION.			
Architects .....		\$344.75	
Contractor .....		9,065.00	
Total .....		\$9,409.75	\$9,409.75
FIRE DEPARTMENT.			
Pay rolls, salaries and wages....	\$422,632.22		
Pay rolls, pensions .....	7,250.44		
Protecting society .....	200.00		
Electric power .....	488.20		
Equipment and repairs .....	5,229.76	\$973.50	
Fuel .....	8,683.00		
Hose and couplings .....	1,628.18		
Lighting charges .....	2,874.76		
Medical and surgical charges ...	790.85		
Repairs to stations .....	2,678.87		
Signal system charges .....	3,414.23	10,000.00	
Supplies and furnishings .....	4,501.21		
Telephone service .....	778.02		
Water supply at stations .....	417.65		
Miscellaneous charges .....	737.08		
Total .....	\$462,304.47	\$10,973.50	\$473,277.97
FIRE SERVICE TRUCK.			
One hook and ladder truck.....		\$10,000.00	
Total .....		\$10,000.00	\$10,000.00
FIRE DEPARTMENT REPAIR SHOP ADDITION.			
Architects .....		\$507.08	
Contractor .....		11,795.55	
Total .....		\$12,302.63	\$12,302.63

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>ARMORIES AND MILITIA.</b>			
Committee expenses .....	\$103.65		
Rifle range charges .....	863.62		
Battery D paddock charges ....	154.36		
Telephone charges .....	80.16		
Transportation charges .....	263.50		
Total .....	\$1,465.29		\$1,465.29
<b>INSPECTOR OF WIRES.</b>			
Salary of inspector .....	\$2,000.00		
Compensation of assistants ....	6,266.68		
Pay roll, police signal system ...	4,400.00		
Clerk hire .....	2,399.00		
Motor vehicles and maintenance.	1,558.58	\$645.00	
Office and traveling expenses..	905.44		
Furniture and fixtures .....	230.46		
Police signal system charges....	2,683.20		
Printing and stationery .....	835.20		
Telephone service .....	75.32		
Total .....	\$21,353.88	\$645.00	\$21,998.88
<b>INSPECTOR OF WIRES, POLICE SIGNAL SYSTEM.</b>			
Cable .....		\$4,279.06	
Signal system .....		5,478.50	
Traveling expenses .....		160.00	
Miscellaneous  .....		71.06	
Total .....		\$9,988.62	\$9,988.62
<b>SEALER OF WEIGHTS AND MEASURES.</b>			
Salary of city sealer .....	\$2,200.00		
Salaries of deputy sealers .....	5,400.00		
Clerk hire .....	1,018.00		
Motor vehicles and maintenance.	1,006.68	\$623.00	
Office and traveling expenses...	342.65		
Tools and seals .....	399.13		
Total .....	\$10,366.46	\$623.00	\$10,989.46
<b>CITY FORESTRY.</b>			
Salary of city forester.....	\$2,000.00		
Pay rolls, labor .....	13,308.07		
Pay rolls, accident account.....	512.00		
Carting trees and stumps.....	5,363.71		
Car tickets .....	250.00		
Motor vehicles and maintenance.	767.23	\$607.50	
Office and traveling expenses...	676.72		
Tools and fitting .....	1,124.10		
Miscellaneous service and supplies	1,694.88		
Total .....	\$25,696.71	\$607.50	\$26,304.21
<b>Total, Protection of Life and Property</b>			<b>\$1,095,619.57</b>

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>Health and Sanitation.</b>			
BOARD OF HEALTH.			
Salaries of the board (3).....	\$2,098.01		
Salary of agent .....	4,000.00		
Salary of director of field work..	4,000.00		
Clerk hire .....	5,113.00		
Bacteriologist .....	3,000.00		
Dairy inspector .....	1,290.00		
Department nurses .....	21,204.32		
Medical inspector .....	2,856.22		
Medical school inspector .....	1,200.00		
Milk and slaughter inspectors...	4,366.69		
Milk examiners and fumigators.	2,010.00		
Oculist .....	2,000.00		
Parochial school nurses .....	2,505.00		
Plumbing inspectors .....	4,965.13		
Rat catcher .....	270.00		
Sanitary inspectors .....	7,339.50		
Well baby clinic physician .....	771.67		
Automobiles and maintenance ...	1,665.89	\$1,535.00	
Baby clinic expenses .....	175.00		
Car fares, nurses .....	510.40		
Chemical and medical supplies ..	1,314.47		
Milk inspection charges .....	861.62		
Office supplies and expenses ...	1,088.90		
Port physician, transportation ..	70.00		
Printing and stationery .....	2,496.24		
Telephone and telegraph charges	385.58		
Traveling expenses .....	873.96		
Vaccination fees .....	1,262.50		
Vermin extermination charges ..	425.00		
Contagious diseases, hospitals ..	1,426.50		
Contagious diseases, clinic rent .	1,999.99		
Contagious diseases, nurses ....	2,134.73		
Contagious diseases, physicians ..	2,140.03		
Contagious diseases, supplies ..	340.55		
Contagious diseases, other towns	428.03		
Contagious diseases, wages .....	309.00		
Dental clinic, salaries and wages	17,776.04		
Dental clinic, equipment and supplies .....	2,159.74		
Pest house, repairs and supplies.	1,060.94		
Isolation hospital, wages .....	2,528.00		
Isolation hospital, repairs .....	9,099.51		
Isolation hospital, supplies .....	3,014.04		
Tuberculosis, clinic rent .....	350.00		
Tuberculosis, hospitals .....	78,922.32		
Tuberculosis, physicians .....	1,000.00		
Tuberculosis, other towns .....	1,236.95		
Tuberculosis, compensation .....	416.00		
Tuberculosis, other charges ....	853.38		
Total .....	\$207,314.85	\$1,535.00	\$208,849.85



## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
CITY PHYSICIANS.			
Salary of city physician.....	\$1,319.37		
Medical supplies .....	17.70		
Total .....	\$1,337.07		\$1,337.07
INSPECTOR OF ANIMALS.			
Salary of inspector of animals..	\$600.00		
Total .....	\$600.00		\$600.00
VITAL STATISTICS.			
Canvass by city clerk.....	\$1,010.32		
Fees for birth and death returns	1,526.97		
Total .....	\$2,537.29		\$2,537.29
GARBAGE COLLECTION.			
Collection contractor .....	\$57,216.00		
Total .....	\$57,216.00		\$57,216.00
GARBAGE DISPOSAL.			
Salary of superintendent .....	\$3,000.00		
Pay roll, garbage plant .....	15,258.17		
Pay roll, accident compensation.	1,144.00		
Building repairs .....	652.61		
Engineers survey .....	2,000.00		
Fuel and freight .....	6,194.43		
Electric light and power .....	3,080.15		
Machinery repairs and supplies.	1,962.06		
Motor car maintenance .....	1,055.16		
Office and traveling expenses ...	1,319.46		
Miscellaneous supplies and service .....	406.98		
Water supply .....	57.08		
Total .....	\$36,130.10		\$36,130.10
SHELL FISH COMMISSION.			
Contribution for deficiencies....	\$139.22		
Total .....	\$139.22		\$139.22

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
SEWERS AND DRAINS.			
Pay rolls, labor and teaming....	\$50,404.51		
Brick, cement and pipe.....	20,572.33		
Castings .....	3,045.02		
Machines and repairs .....	399.57	\$2,756.20	
Miscellaneous service and supplies .....	278.34		
Stock and labor for other accounts	18,269.20		
Total .....	\$92,968.97	2,756.20	\$95,725.17
SEWER CONSTRUCTION.			
Pay rolls, labor and teaming....		\$119,942.52	
Construction expenses and supplies .....		97,618.93	
Total .....		\$217,561.45	\$217,561.45
SEWAGE DISPOSAL.			
Pay rolls, labor .....	\$19,970.70		
Car tickets .....	150.00		
Electric light and power .....	8,383.72		
Fuel .....	1,572.50		
Hardware and tools .....	292.48		
Motor cars and maintenance....	810.26		
Repairs, stock and labor .....	1,716.50		
Telephone charges .....	193.93		
Water supply .....	637.20		
Miscellaneous service and supplies	2,326.80		
Total .....	\$36,054.09		\$36,054.09
Total, Health and Sanitation.....			\$656,150.24

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>Highways.</b>			
HIGHWAYS.			
Pay rolls, superintendent and office .....	\$22,842.11		
Pay rolls, accident account .....	12,006.45		
Pay rolls, pensions .....	1,884.14		
Pay rolls, labor and teaming ...	336,694.36		
Pay rolls, labor and teaming for other accounts .....	185,459.47		
Accident account charges .....	3,070.30		
Equipment and repairs .....	56,143.88		
Motors, maintenance, and repairs	35,938.95		
Office supplies and expenses ...	4,605.30		
Road repair charges .....	26,851.03		
Sidewalk repair charges .....	257.61		
Street cleaning charges .....	269.70		
Stable and shop charges .....	9,611.47		
Teaming charges .....	2,394.22		
Tools and repairs .....	4,365.10		
Miscellaneous service and supplies .....	4,905.28		
Supplies for other accounts.....	145,342.41		
Total .....	\$852,641.78		\$852,641.78
<b>HIGHWAY IMPROVEMENT.</b>			
Pay rolls, labor and teaming....		\$193,718.06	
Broken stone .....		4,423.49	
Cinders .....		1,129.60	
Curbing .....		39,290.45	
Dirt filling .....		1,344.00	
Granolithic walks, contractor ...		47,884.26	
Paving contractor .....		93,664.59	
Sand and gravel .....		10,459.73	
Miscellaneous charges .....		217.30	
Service and supplies from other accounts .....		123,988.07	
Total .....		\$516,119.55	\$516,119.55
<b>HIGHWAYS, MACADAM.</b>			
Pay rolls, labor and teaming...		\$31,134.53	
Analysis of material .....		40.00	
Asphalt .....		7,412.50	
Broken stone .....		116,579.80	
Road builder, Freetown line ....		150.00	
Sand and gravel .....		2,496.04	
Tar .....		1,794.00	
Service and supplies from other accounts .....		135,189.34	
Total .....		\$294,796.21	\$294,796.21

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>LAND DAMAGES, HIGHWAYS.</b>			
Bedford street .....		\$1,500.00	
Emerson street .....		200.00	
Freeman street .....		838.80	
Harwich street .....		152.50	
High and Second streets .....		2,500.00	
Ilion street .....		650.00	
Irvington street .....		195.00	
Pleasant street .....		10,557.75	
Rockdale avenue .....		1,100.00	
Shawmut avenue .....		1,900.00	
Spring street .....		21,904.00	
Union street .....		37,425.16	
Miscellaneous charges .....		350.00	
Total .....		\$79,273.21	\$79,273.21
<b>BRIDGES.</b>			
Pay rolls, labor .....	\$17,605.75		
Electric light and power .....	990.00		
Paint supplies .....	485.77		
Lumber .....	2,277.76		
Repair charges .....	8,513.15		
Supervision and use of tools ...	1,350.00		
Miscellaneous service and sup- plies .....	1,072.64		
Total .....	\$32,295.07		\$32,295.07
<b>STREET LIGHTING.</b>			
Salary of superintendent .....	\$1,000.00		
Damages, broken lamps .....	323.90		
Electric lighting .....	105,865.26		
Gas lighting .....	8,880.60		
Lighting clock tower .....	279.75		
Miscellaneous charges .....	106.90		
Total .....	\$116,456.41		\$116,456.41
<b>CLARK'S COVE SEA WALL.</b>			
Advertising .....		\$5.50	
Bulkhead contractor .....		2,775.00	
Stone contractor .....		5,333.64	
Total .....		\$8,114.14	\$8,114.14
<b>MUNICIPAL GARAGE.</b>			
Architect .....		\$1,007.55	
Contractor .....		28,787.00	
Total .....		\$29,794.55	\$29,794.55

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
HARBOR MASTER.			
Salary of harbor master .....	\$400.00		
Allowance for boat .....	52.00		
Surety bond .....	5.00		
Total .....	\$457.00		\$457.00
BOARD OF SURVEY.			
Advertising .....	\$16.00		
Total .....	\$16.00		\$16.00
<b>Total, Highways .....</b>			<b>\$1,929,963.92</b>



## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>Charities.</b>			
BOARD OF PUBLIC WELFARE.			
Salaries, overseers and secretary	\$4,256.60		
Salaries, clerks and visitors ...	11,672.68		
Office and traveling expenses ..	2,002.51	\$2,000.00	
Almshouse, salaries and wages..	31,412.81		
Almshouse maintenance charges..	45,115.16		
Outside relief, burials .....	1,640.00		
Outside relief, cash orders .....	58,773.62		
Outside relief, clothing .....	4,399.62		
Outside relief, fuel .....	3,554.70		
Outside relief, homes .....	4,177.77		
Outside relief, hospitals .....	30,943.23		
Outside relief, other towns .....	7,402.00		
Outside relief, physicians and medicines .....	7,932.03		
Outside relief, provisions .....	61,022.75		
Outside relief, rent .....	436.80		
Outside relief, state institutions..	6,051.35		
Outside relief, transportation ...	196.00		
Mothers aid, cash orders .....	56,475.55		
Mothers aid, fuel .....	1,939.55		
Mothers aid, hospitals .....	993.05		
Mothers aid, merchandise .....	1,597.07		
Mothers aid, other towns .....	2,728.72		
Mothers aid, physicians and medicines .....	664.91		
Mothers aid, miscellaneous .....	462.63		
Total .....	\$345,851.25	\$2,000.00	\$347,851.25
MUNICIPAL HOSPITAL.			
Care taking of site .....		\$1,694.14	
Total .....		\$1,694.14	\$1,694.14
<b>Total, Charities .....</b>			<b>\$349,545.39</b>

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>Soldiers Benefits.</b>			
BURIAL OF SOLDIERS.			
Burial agents .....	\$12.00		
Undertakers .....	325.00		
Total.....	\$337.00		\$337.00
MILITARY AID.			
Cash disbursements .....	\$3,449.00		
Total.....	\$3,449.00		\$3,449.00
RENT, AMERICAN LEGION HEAD- QUARTERS.			
Post 1, American Legion .....	\$2,000.00		
Total.....	\$2,000.00		2,000.00
RENT, G. A. R. HEADQUARTERS.			
R. A. Peirce Post 190.....	\$600.00		
William Logan Rodman Post 1..	600.00		
Total.....	\$1,200.00		\$1,200.00
SOLDIERS AND SAILORS GRAVES.			
Care and fitting graves.....	\$482.25		
Total.....	\$482.25		\$482.25
SOLDIERS RELIEF.			
Cash disbursements .....	\$16,092.00		
Fuel .....	2,205.49		
Hospitals .....	213.70		
Provisions and clothing .....	12,083.75		
Physicians and medicines .....	762.07		
Office and miscellaneous charges	327.05		
Total.....	\$31,684.06		\$31,684.06
SOLDIERS TAX EXEMPTIONS.			
State charges .....	\$851.35		
Total.....	\$851.35		\$851.35
STATE AID.			
Cash disbursements .....	\$4,808.00		
Total.....	\$4,808.00		\$4,808.00
<b>Total, Soldiers Benefits.....</b>			<b>\$44,811.66</b>

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>Schools.</b>			
SCHOOLS, PAY OF TEACHERS.			
Day schools .....	\$1,143,716.51		
Evening schools .....	39,740.75		
Summer schools .....	2,821.50		
Total.....	\$1,186,278.76		\$1,186,278.76
PUBLIC SCHOOLS, INCIDENTALS.			
Salary of superintendent .....	\$6,500.00		
Salary of assistants .....	9,499.36		
Clerk hire .....	14,795.67		
Property inspector and mechanic .....	7,561.76		
Attendance officers .....	8,199.36		
Bus chauffeur and attendant .....	2,125.00		
Janitors and cleaners .....	96,848.52		
Health and hygiene, salaries....	16,118.92		
Pensions, janitors .....	2,302.86		
Books and stationery supplies ..	49,537.05		
County training school .....	450.32		
Furniture and furnishings .....	5,777.97	\$2,913.48	
Freight and carting .....	696.98		
Fuel .....	35,507.30		
Janitor supplies .....	6,500.94		
Lighting .....	5,887.08		
Office expenses .....	1,118.26		
Physical education expenses ....	2,366.24		
Printing and advertising .....	3,752.81		
Sidewalks, and snow removal ...	667.96	1,221.36	
Site survey expenses .....	574.22		
Special classroom supplies .....	4,012.37		
Telephone service .....	1,692.11		
Transportation charges .....	2,000.00		
Water rates .....	6,120.93		
Miscellaneous expenses .....	3,605.34		
Total.....	\$294,219.33	\$4,134.84	\$298,354.17
PUBLIC SCHOOLS, REPAIR OF BUILDINGS.			
Care of grounds .....	\$3,827.28		
Carpentry .....	6,470.56		
Electrical work .....	6,772.27		
Hardware and tools .....	1,305.40		
Heating repairs and extensions..	5,582.01		
Mason work .....	2,690.90		
Metal ceilings .....	2,050.00		
Painting and glazing .....	22,849.18		
Plumbing and water fixtures ...	1,538.09		
Roofing .....	1,413.61		
Total.....	\$54,499.30		\$54,499.30

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
CONTINUATION SCHOOLS.			
Salaries, director and teachers..	\$57,503.70		
Clerk hire .....	3,785.33		
Janitors and cleaners.....	3,048.88		
Books and stationery supplies...	1,076.46		
Building repairs .....	798.06		
Car tickets .....	350.00		
Class room supplies .....	3,849.91		
Equipment, repairs and supplies	1,418.98	\$1,200.00	
Fuel .....	1,481.57		
Light and power .....	867.04		
Office and traveling expenses ...	142.81		
Telephone service .....	145.35		
Tuition, other towns .....	11.44		
Water supply .....	101.59		
Total.....	\$74,581.12	\$1,200.00	\$75,781.12
NEW BEDFORD VOCATIONAL SCHOOL.			
Payrolls, director and teachers..	\$80,740.42		
Payrolls, janitors and watchmen	7,320.48		
Payrolls, clerks .....	2,255.58		
Compensation of pupil caretakers	799.00		
Books and stationery supplies...	803.26		
Building repairs .....	1,080.07		
Classroom and shop supplies ...	17,529.64		
Equipment and furnishings ....	7,210.63	\$4,364.42	
Fuel .....	2,855.01		
Light and power .....	1,669.86		
Office supplies and expenses ...	1,780.48		
Rent .....	4,800.00		
Water rates .....	296.97		
Miscellaneous service and supplies	293.23		
Total.....	\$129,434.63	\$4,634.42	\$134,069.05
SCHOOLS, DOG FUND.			
Motor car maintenance .....	\$1,556.03		
Musical instruments and supplies	269.44		
Postage and box rent .....	444.00		
Street car tickets .....	325.00		
Traveling expenses .....	1,059.93		
Total.....	\$3,654.40		\$3,654.40
SCHOOLS, JONATHAN BOURNE PRIZE FUND.			
Cash prizes for essays .....	\$60.00		
Total.....	\$60.00		\$60.00

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
SCHOOLS, SYLVIA ANN HOWLAND. FUND.			
Books .....	\$103.20		
Musical instruments and repairs.	328.75		
Periodical subscriptions .....	612.25		
Piano tuning .....	73.50		
Total.....	\$1,117.70		\$1,117.70
SCHOOLS, PAISLER FUND.			
Books and periodicals .....	\$146.57		
Music, instruments and supplies.	654.90		
Miscellaneous supplies .....	28.50		
Total.....	\$829.97		\$829.97
SMITH-HUGHES FUND.			
Continuation schools, pay roll ..	\$2,945.61		
Vocational school, pay roll ....	4,100.58		
Total.....	\$7,046.19		\$7,046.19
MT. PLEASANT STREET SCHOOL.			
Sidewalk construction .....		\$230.44	
Total.....		\$230.44	\$230.44
ROCHAMBEAU STREET SCHOOL.			
Sidewalk construction .....		\$444.98	
Total.....		\$444.98	\$444.98
SCHOOL LAND, 1924.			
Land, Phillips Road .....		\$18,880.37	
Land, Plainville Road .....		1,768.40	
Total.....		\$20,648.77	\$20,648.77
SASSAQUIN SCHOOL.			
Arbitrators .....		\$45.00	
Architect .....		24.24	
Contractor .....		30,689.61	
Furnishings .....		1,160.54	
Total.....		\$31,919.39	\$31,919.39
GIRLS GYMNASIUM, HIGH SCHOOL.			
Contractor .....		\$14,058.83	
Total.....		\$14,058.83	\$14,058.83



## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
SCHOOL BUILDINGS, FURNISHINGS.			
New school furnishings .....		\$871.00	
Total.....		\$871.00	\$871.00
SCHOOLS, FIRE PROTECTION.			
Fire alarm cable .....		\$673.12	
Water service .....		183.75	
Miscellaneous service and supplies		80.72	
Total.....		\$937.59	\$937.59
SCHOOLS, FIRE SPRINKLERS.			
Grinnell Company .....		\$21,457.00	
Paint .....		90.45	
Plumbers .....		19.75	
Water service .....		4,342.12	
Total.....		\$25,909.32	\$25,909.32
SWIFT SCHOOL, PORTABLES.			
New portable building .....		\$3,444.29	
Old building, moved and repairs.	\$1,200.00		
Total.....	\$1,200.00	\$3,444.29	\$4,644.29
NEW BEDFORD TEXTILE SCHOOL.			
Contribution for maintenance ..	\$10,000.00		
Total.....	\$10,000.00		\$10,000.00
SCHOOLS, BOILER INSURANCE.			
Special insurance .....	\$668.73		
Total.....	\$668.73		\$668.73
<b>Total, Schools .....</b>			<b>\$1,872,024.00</b>

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>Libraries.</b>			
FREE PUBLIC LIBRARY.			
Salaries and wages .....	\$55,206.54		
Books and binding .....	67.85		
Fuel charges at branches .....	315.06		
Furniture, fixtures and repairs.	348.58		
Insurance .....	166.52		
Janitors supplies .....	401.34		
Laundry .....	115.38		
Lighting charges .....	708.38		
Miscellaneous service and supplies	510.96		
Minor building repairs .....	394.30		
Printing and stationery .....	1,374.69		
Telephone charges .....	65.87		
Transportation of books .....	93.00		
Traveling expenses .....	128.97		
Water supply .....	82.06		
Total .....	\$59,979.50		\$59,979.50
LIBRARY, DOG FUND.			
Salaries and wages .....	\$416.66		
Architect fee .....	400.00		
Binding .....	2,177.10		
Books and pictures .....	2,379.38		
Furniture .....	115.50		
Lighting charges .....	47.21		
Miscellaneous supplies and repairs	196.03		
Total .....	\$5,731.88		\$5,731.88
LIBRARY, JAMES B. CONGDON FUND.			
Books .....	\$42.30		
Total .....	\$42.30		\$42.30
LIBRARY, GEORGE O. CROCKER FUND.			
Binding .....	\$270.60		
Books and periodicals .....	68.77		
Printing and stationery .....	75.26		
Salaries and wages .....	398.01		
Total .....	\$812.64		\$812.64
LIBRARY, OLIVER CROCKER FUND.			
Books .....	\$68.66		
Total .....	\$68.66		\$68.66

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
LIBRARY, GEORGE HOWLAND, JR. FUND.			
Books and pictures .....	\$20.18		
Art objects .....	32.37		
Total .....	\$52.55		\$52.55
LIBRARY, SYLVIA ANN HOWLAND FUND.			
Binding .....	\$231.45		
Books and periodicals .....	1,303.46		
Miscellaneous charges .....	51.75		
Total .....	\$1,586.66		\$1,586.66
LIBRARY, KEMPTON FUND, GIFT OF SARAH E. POTTER.			
Binding .....	\$1,470.25		
Books .....	8,901.56		
Newspapers and periodicals ....	787.37		
Pictures .....	230.82		
Printing and stationery .....	251.61		
Total .....	\$11,641.61		\$11,641.61
LIBRARY, CHARLES W. MORGAN FUND.			
Books and periodicals .....	\$92.64		
Total .....	\$92.64		\$92.64
LIBRARY, CHARLES L. WOOD FUND.			
Books .....	\$133.69		
Total .....	\$133.69		\$133.69
SOUTH END BRANCH LIBRARY.			
Land, Cove and Stapleton Sts...		\$17,000.00	
Total .....		\$17,000.00	\$17,000.00
<b>Total, Libraries .....</b>			<b>\$97,142.13</b>

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>Recreation.</b>			
PARK COMMISSION.			
Pay rolls, superintendent and labor .....	\$53,804.97		
Pay rolls, accident compensation .....	856.00		
Pay rolls, pension .....	477.88		
Animals and animal supplies....	2,351.27		
Athletic and playground fixtures .....	990.60		
Building and fence and repairs..	3,108.50	\$4,119.74	
Caretakers .....	363.30		
Flags, poles and repairs.....	537.15		
Fuel .....	1,330.38		
Hardware, tools and fitting....	1,416.52		
Lighting charges .....	1,425.21		
Motors and maintenance .....	2,268.45		
Office and traveling expenses..	1,350.63		
Plants, seeds and shrubs .....	395.46		
Ploughing and filling .....	2,049.27		
Roads and walks, repairs .....	4,673.78		
Telephone charges .....	178.58		
Water supply .....	1,166.11		
Miscellaneous charges .....	773.92		
Total .....	\$79,517.98	\$4,119.74	\$83,637.72
<b>PLAYGROUNDS.</b>			
Pay rolls, attendants .....	\$6,395.57		
Equipment and repair charges..	1,601.77		
Exhibition and outing charges...	363.54		
Ground keeping charges .....	653.21		
Motor car charges .....	200.00		
Traveling expenses .....	259.00		
Miscellaneous expenses .....	104.76		
Total .....	\$9,577.85		\$9,577.85
<b>PUBLIC BATHING HOUSES.</b>			
Pay rolls, attendants .....	\$6,603.75		
Advertising and printing .....	132.35		
Committee expenses .....	343.77		
Groin construction .....	2,650.00		
Fitting and equipment .....	1,520.22		
Laundry .....	794.72		
Lighting charges .....	160.40		
Suits and towels .....	657.08		
Water supply .....	117.10		
Total .....	\$12,979.39		\$12,979.39

PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
COMMUNITY SOCIAL CENTERS.			
Payrolls, supervisors and attendants .....	\$9,698.52		
Printing .....	13.00		
Toilet repairs and plumbing ...	921.38		
Total .....	\$10,632.90		\$10,632.90
FOURTH OF JULY.			
Bands and bandstands .....	\$710.00		
Clambake charges .....	300.00		
Fireworks .....	1,600.00		
Salutes .....	100.00		
Sports charges .....	175.00		
Miscellaneous charges .....	113.42		
Total .....	\$2,998.42		\$2,998.42
PLAYGROUND LAND.			
Land, Logan street .....		\$20,000.00	
Total .....		\$20,000.00	\$20,000.00
Total, Recreation .....			\$139,826.28



## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>Unclassified.</b>			
COMMITTEE ON CLAIMS.			
Awards for personal damages...	\$200.00		
Awards for property damages...	100.00		
Refunds awarded .....	35.00		
Stenographers services .....	6.00		
Total .....	\$341.00		\$341.00
COURT JUDGMENT.			
Park land damages .....		\$4,997.05	
Total .....		\$4,997.05	\$4,997.05
LABOR SERVICE REGISTRAR.			
Compensation of registrar.....	\$500.00		
Printing and stationery .....	39.20		
Total .....	\$539.20		\$539.20
MEMORIAL DAY.			
Advertising and printing .....	\$71.37		
Carriage and horse hire .....	303.50		
Decorations .....	869.96		
Music .....	643.50		
Miscellaneous charges .....	142.50		
Total .....	\$2,030.83		\$2,030.83
PREMIUMS ON BONDS.			
Legal financial opinions .....	\$900.00		
Total .....	\$900.00		\$900.00
<b>Total, Unclassified .....</b>			<b>\$8,808.08</b>

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>Public Service Enterprises.</b>			
NEW BEDFORD WATER WORKS.			
Salaries, superintendent and of- fice .....	\$42,708.72		
Other salaries and wages .....	119,726.32	\$24,277.93	
Office and traveling expenses...	6,820.69		
Extensions and other outlays...		52,690.65	
Maintenance and repair charges.	53,624.50		
Payments on debt account .....	158,965.00		
Rebates .....	762.75		
Special services .....	13,700.00		
Total .....	\$396,307.98	\$76,968.58	\$473,276.56
NEW BEDFORD WATER WORKS, CHAP- TER 65, 1923.			
Pay rolls, labor and teaming....		\$12,750.94	
Charges for construction and con- struction supplies .....		211,071.09	
Total .....		\$223,822.03	\$223,822.03
DEPARTMENT OF WHARVES.			
Interest on debt .....	\$2,080.00		
Pension .....	484.80		
Wharfinger .....	500.00		
Dredging .....	1,926.69		
Repairs .....	149.15		
Water rates .....	29.20		
Total .....	\$5,169.84		\$5,169.84
<b>Total, Public Service Enterprises...</b>			<b>\$702,268.43</b>

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Outlays	Total
<b>Cemeteries.</b>			
CEMETERY BOARD.			
Pay rolls, superintendent and clerks .....	\$6,035.64		
Pay rolls, labor and teaming....	59,204.50		
Pay rolls, pension .....	524.16		
Brick, cement, pipe and sand...	1,547.17		
Building repairs .....	408.69		
Fuel .....	643.26		
Ground keeping supplies .....	1,542.18		
Hardware and tools .....	1,473.41		
Motor cars and maintenance ....	2,265.20		
Office expenses and supplies ...	490.72		
Police service .....	620.50		
Printing and stationery .....	595.13		
Service and supplies, miscellan- eous .....	738.28		
Telephone service .....	184.54		
Water supply .....	298.30		
Total .....	\$76,571.68		\$76,571.68
CEMETERIES, SALE OF LOTS.			
Pay rolls, labor and teaming....		\$5,623.42	
Construction service and supplies		2,604.34	
Lot sale refund .....		15.00	
Total .....		\$8,242.76	\$8,242.76
CEMETERY 6% INCOME FUND.			
Charges for perpetual care.....	\$1,741.04		
Total .....	\$1,741.04		\$1,741.04
<b>Total, Cemeteries .....</b>			<b>\$86,555.48</b>

## PAYMENTS

OBJECTS OF PAYMENT	Expenses	Indebtedness	Total
<b>Interest and Indebtedness.</b>			
INTEREST.			
On bonded debt .....	\$531,602.50		
On temporary loans .....	86,566.75		
On trust funds expended .....	3,223.20		
Total .....	\$621,392.46		\$621,392.46
<b>INDEBTEDNESS.</b>			
Bonds paid from revenue .....	\$1,075,000.00		
Bonds paid from sinking funds..		\$170,000.00	
Notes paid, revenue loan 1923..		1,010,000.00	
Notes paid, revenue loan, 1924..		3,500,000.00	
Unpaid warrants of prior years.		791,131.85	
Total .....	\$1,075,000.00	\$5,471,131.85	\$6,546,131.85
<b>Total, Interest and Indebtedness....</b>			<b>\$7,167,524.31</b>
OBJECTS OF PAYMENTS	Expenses	Temporary Accounts	Total
<b>Agency and Trust.</b>			
AGENCY.			
County of Bristol tax .....		\$196,226.95	
State tax .....		347,048.32	
Liquor licenses for State .....		11.50	
TRUST.			
Cash discrepancies .....		416.41	
Cemetery perpetual care deposits		16,490.00	
Department advances .....		1,397.73	
Highway deposits .....		23,675.99	
Pay roll tailings .....		30.38	
Salary advances .....		17,990.99	
Sewer deposits .....		39,784.49	
Special surplus, C. 480, 1924...		62,393.67	
Shell fish commission advance..		2,000.00	
<b>Total, Agency and Trust .....</b>		<b>\$707,466.43</b>	<b>\$707,466.43</b>
REFUNDS.			
Civilian war poll taxes .....	\$601.83		
Corporation taxes .....	2,260.75		
<b>Total, Refunds .....</b>	<b>\$2,862.58</b>		<b>\$2,862.58</b>
<b>Total, Payments .....</b>			<b>\$15,159,970.02</b>
<b>Cash at the end of the year.....</b>			<b>\$1,928,670.97</b>
<b>Total .....</b>			<b>\$17,088,640.99</b>

# AUDITOR'S REPORT.

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## SUMMARY

CLASSIFICATION	Revenue for Expenses	Revenue for Other Purposes	Expenses	Outlays and Special Charges
Taxes .....	\$6,434,825.36		\$295,466.86	\$3,934.66
Licenses and permits .....	21,896.23		1,031,362.13	54,850.00
Fines and forfeits .....	38,704.90		400,274.19	217,879.25
Grants and gifts .....	113,313.43		671,083.38	915,131.75
Special assessments .....		\$86,264.87	344,788.57	3,694.14
General government .....	12,100.12		44,811.66	
Protection of life and property.	5,852.26		1,762,758.84	108,433.87
Health and sanitation .....	66,813.77		80,142.13	17,000.00
Highways .....	21,074.27	23,380.42	115,706.54	24,119.74
Charities .....	60,664.74		3,811.03	4,997.05
Soldiers' benefits .....	7,381.20		401,477.82	300,790.61
Education .....	34,381.77		72,920.48	8,242.76
Libraries .....	1,675.38		1,075,000.00	5,471,131.85
Recreation .....	35,203.82		621,392.46	
Unclassified .....				
Public service enterprises .....	440,976.39	489.17		
Cemeteris .....	29,726.57	10,165.00		
Indebtedness .....	285,416.74	5,972,000.00		
Interest .....	56,637.05			
Sinking funds .....		170,000.00		
Agency and trust .....	16,933.59	705,402.05	2,862.58	707,463.43
Refunds .....	401,202.46	16,939.31	381,499.93	16,939.31
Transfers and duplications ..				
	\$8,084,780.05	\$6,984,640.82	\$7,305,358.60	\$7,854,611.42
Revenue for expenses .....	\$8,084,780.05		Current expenses .....	\$7,305,358.60
Revenue for other purposes...	6,984,640.82		Outlays and other charges...	7,854,611.42
Total receipts .....	\$15,069,420.87		Total expenditures .....	\$15,160,970.02
Cash at the beginning of year	2,019,220.12		Cash at the end of the year.....	1,928,670.97
	\$17,088,640.99			\$17,088,640.99



STATEMENT OF TEMPORARY REVENUE  
LOANS OUTSTANDING

Notes in Anticipation of Revenue	Date of Issue	Date Due	Discount Rate
\$50,000.00	Mar. 11, 1924	Dec. 15, 1924	.039*
500,000.00	Sept. 9, 1924	Jan. 20, 1925	.0244
500,000.00	Nov. 12, 1924	Mar. 19, 1925	.0284
250,000.00	Nov. 12, 1924	Apr. 22, 1925	.0284
<u>\$1,300,000.00</u>	* Plus premium of	\$10.00	

STATEMENT OF THE BONDED DEBT AND SINKING FUNDS OF THE CITY OF NEW BEDFORD,  
NOVEMBER 30, 1924

	LOANS	Date	*Interest Rate	When Due	Amount Outstanding
Further Water Supply.		Dec. 15, 1894	4	Dec. 15, 1924 (S.F.)	\$200,000.00
" " "		Apr. 1, 1896	4	Apr. 1, 1926 (S.F.)	400,000.00
" " "		Jan. 1, 1897	4	Jan. 1, 1927 (S.F.)	600,000.00
Duplicate Water Supply Main		June 1, 1900	3½	June 1, 1930 (S.F.)	48,000.00
" " "		June 1, 1910	4	June 1, (W.R.) (5)	80,000.00
Water Works, C. 65, 1911.		Sept. 1, 1910	4	Sept. 1, (W.R.) (8)	48,000.00
" " C. 75, 1912.		May 1, 1911	4	May 1, (W.R.) (5)	85,000.00
" " C. 232, 1921.		May 1, 1912	4	May 1, (W.R.) (6)	88,000.00
" " C. 232, 1921.		May 1, 1921	5½	May 1, (W.R.) (17)	289,000.00
" " C. 232, 1921.		Nov. 1, 1921	5½	May 1, 1942 (16)	160,000.00
" " C. 232, 1921.		Nov. 1, 1921	4%	Nov. 1, (W.R.) (7)	119,000.00
" " C. 65, 1923.		Apr. 1, 1923	4%	Nov. 1, 1942 (6A)	60,000.00
" " C. 65, 1923.		Apr. 1, 1923	4	Apr. 1, (W.R.) (7)	133,000.00
" " C. 65, 1923.		Mar. 1, 1924	4	Apr. 1, 1944 (6A)	60,000.00
Highway Improvements		Mar. 1, 1884	4½	Mar. 1, (W.R.) (5)	150,000.00
Highways, Permanent Improvement, Loan	No. 1, 1915.	Mar. 1, 1915	6	Oct. 1, 1894	1,000.00
" " " " " " " "	No. 2, 1915.	July 1, 1915	4	July 1, (12)	12,000.00
" " " " " " " "	No. 3, 1915.	Oct. 1, 1915	4	Oct. 1, (3)	3,000.00
" " " " " " " "	No. 1, 1916.	Apr. 1, 1916	4	Apr. 1, (20)	40,000.00
" " " " " " " "	No. 2, 1916.	May 1, 1916	4	May 1, (5)	10,000.00
" " " " " " " "	No. 3, 1916.	Nov. 1, 1916	4	Nov. 1, (2)	4,000.00
" " " " " " " "	No. 1, 1917.	Apr. 1, 1917	4	Apr. 1, (10)	30,000.00
" " " " " " " "	No. 2, 1917.	July 1, 1917	4	July 1, (10)	30,000.00
" " " " " " " "	No. 3, 1917.	Aug. 1, 1917	4½	Aug. 1, (10)	30,000.00
" " " " " " " "	No. 3, 1917.	Nov. 1, 1917	4½	Nov. 1, (1)	3,000.00
" " " " " " " "	No. 2, 1918.	Feb. 1, 1918	5	Feb. 1, (10)	40,000.00
" " " " " " " "	No. 3, 1918.	Apr. 1, 1918	5	Apr. 1, (5)	20,000.00
" " " " " " " "	No. 4, 1918.	June 1, 1918	5	May 1, (5)	20,000.00
" " " " " " " "	No. 5, 1918.	Sept. 1, 1918	4½	June 1, (5)	20,000.00
" " " " " " " "	No. 5, 1918.	Sept. 1, 1918	4½	Sept. 1, (7)	21,000.00
" " " " " " " "	No. 1, 1919.	Feb. 1, 1919	4½	Sept. 1, 1928	6,000.00
" " " " " " " "	No. 2, 1919.	Apr. 1, 1919	4½	Feb. 1, (20)	100,000.00
" " " " " " " "	No. 3, 1919.	Apr. 1, 1919	4½	Apr. 1, (10)	50,000.00
" " " " " " " "	No. 4, 1919.	June 1, 1919	4½	Apr. 1, (5)	25,000.00
" " " " " " " "	No. 5, 1919.	May 1, 1920	4½	June 1, (8)	40,000.00
" " " " " " " "	No. 5, 1919.	May 1, 1920	5½	May 1, (5)	5,000.00
" " " " " " " "	No. 1, 1920.	May 1, 1920	5½	May 1, 1928	20,000.00
" " " " " " " "	No. 2, 1920.	Apr. 1, 1920	5½	May 1, (30)	180,000.00
" " " " " " " "	No. 3, 1920.	Aug. 1, 1920	5½	Apr. 1, (13)	78,000.00
" " " " " " " "	No. 4, 1920.	Oct. 1, 1920	5	Aug. 1, (10)	60,000.00
" " " " " " " "	No. 4, 1920.	Oct. 1, 1920	5	Oct. 1, (3)	12,000.00
" " " " " " " "	No. 1, 1921.	Jan. 1, 1921	5	Oct. 1, 1929 (2A)	4,000.00
" " " " " " " "	No. 2, 1921.	Jan. 1, 1921	5½	Jan. 1, (2)	14,000.00
" " " " " " " "	No. 3, 1921.	Feb. 1, 1921	5½	Jan. 1, (10)	70,000.00
" " " " " " " "	No. 4, 1921.	May 1, 1921	5½	Feb. 1, (40)	280,000.00
" " " " " " " "	No. 5, 1921.	May 1, 1921	5½	May 1, (12)	84,000.00
" " " " " " " "	No. 6, 1921.	Aug. 1, 1921	5	May 1, (5)	35,000.00
" " " " " " " "	No. 8, 1921.	Nov. 1, 1921	4½	Aug. 1, (5)	35,000.00
" " " " " " " "	No. 9, 1921.	Nov. 1, 1921	4½	Nov. 1, (2)	14,000.00
" " " " " " " "	No. 1, 1922.	July 1, 1922	4½	Nov. 1, (3)	21,000.00
" " " " " " " "	No. 2, 1922.	July 1, 1922	4½	Nov. 1, (2)	14,000.00
" " " " " " " "	No. 3, 1922.	July 1, 1922	4½	July 1, (50)	40

\$14,317,000.00

SYMBOLS	SINKING FUNDS	BONDED DEBT		
* Interest payable semi-annually.	Bridge loan,	\$249,279.15	Gross debt,	\$14,317,000.00
(1) \$1,000.00 payable annually.	High school loan,	100,000.00	Sinking funds,	2,144,549.43
(1A) \$1,000.00 payable annually	Municipal loans,	372,000.00		
from date.	Park loans,	123,270.28		
(S.F.) Secured by sinking funds.	Wharf loan,	52,000.00	Net debt,	\$12,172,450.57
(W.R.) Payable from water rates.	Water loan,	1,248,000.00		



BALANCE SHEET OF THE CITY OF NEW BEDFORD  
NOVEMBER 30, 1924.

ASSETS.

Cash in treasury .....	\$1,928,670.97
Taxes receivable .....	842,743.13
Due from Commonwealth .....	6,922.50
Due for advances .....	9,896.95
Current assets .....	<u>\$2,788,233.55</u>
Library and school funds invested.....	412,523.16
Cemetery savings bank deposits .....	357,848.71
Sinking fund investments .....	2,225,946.91
Soldiers and Sailors memorial fund.....	62,393.67
City property as scheduled.....	<u>31,185,144.69</u>
Total assets .....	<u>\$37,032,090.69</u>

LIABILITIES.

Notes payable, temporary loans .....	\$1,300,000.00
Accounts payable .....	279,795.25
Overlay account tax reserve .....	68,792.86
Balances, deposit accounts .....	33,975.16
Balances, trust fund income accounts .....	21,002.76
Due cemetery perpetual care funds.....	<u>26,734.93</u>
Current liabilities .....	<u>\$1,730,300.96</u>
Library and school trust funds .....	412,523.16
Cemetery perpetual care funds.....	357,848.71
Soldiers and sailors memorial fund .....	62,393.67
Bonds outstanding .....	<u>14,317,000.00</u>
Total liabilities .....	<u>\$16,880,066.50</u>
Balance, public property .....	<u>20,152,024.19</u>
	<u>\$37,032,090.69</u>

City of New Bedford,  
March 3, 1925.

To the City Council Committee on Finance :

Gentlemen:—The sub-committee on the valuation of city property reports herewith a list of city property and its value. The valuation of real estate has been secured from the Board of Assessors, and the valuation of other property has been secured from the officers in charge of the several departments. The entire valuation is believed by your sub-committee to be a fair valuation of the city property.

WM. J. KERWIN, JR.,  
GEORGE A. MOOREHOUSE,  
NAPOLEON J. GAOUETTE,  
Committee.



SCHEDULE AND VALUATION OF CITY PROPERTY,  
JANUARY 1, 1925.

## BOARD OF ASSESSORS:

Office fixtures, furniture and furnishings .....	\$9,305.00	\$9,305.00
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## BOARD OF HEALTH:

Furniture and equipment in office and bacteriological laboratory...	8,800.00	
Disinfecting apparatus .....	75.00	
Dental Clinic .....	8,000.00	
Board of Health Clinic.....	2,500.00	
Well Baby Clinics (3) .....	500.00	
Furniture, bedding, etc. small-pox hospital .....	400.00	
Ambulance at small pox hospital.	200.00	
Partial equipment of Isolation Hospital .....	3,000.00	
Buildings used as small pox hospitals .....	3,500.00	
Isolation Hospital Buildings .....	41,000.00	
Land at Isolation Hospitals.....	44,150.00	
Land at small pox hospital.....	26,950.00	
Hospital emergency equipment (Municipal Bldg.) .....	1,500.00	
Ambulance .....	800.00	
4 Ford Sedans .....	2,500.00	
Ford Coupe .....	600.00	
Garbage Plant, Land, Bldgs. and Machinery .....	31,000.00	
		175,475.00

## CEMETERY BOARD:

Oak Grove Cemetery .....	70,925.00	
Old Burying Ground, Second St..	10,325.00	
Pine Grove Cemetery .....	108,850.00	
Rural Cemetery .....	248,475.00	
Tools, machinery, wagons and equipment .....	2,750.00	
Office fixtures, furniture, etc.....	6,355.00	
		447,680.00

## CITY AUDITOR:

Office fixtures, furniture, etc.....	3,050.00	3,050.00
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## CITY CLERK:

Office fixtures, furniture, etc.....	8,500.00	8,500.00
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## CITY MESSENGER:

Miscellaneous supplies on hand..	600.00	600.00
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## CITY ENGINEER:

Office fixtures, furniture, etc.....	16,358.94	
1 Ford Sedan .....	745.00	
3 Ford Touring Cars .....	1,536.00	
Studebaker .....	1,475.00	
		20,114.94

## CITY SOLICITOR:

Office fixtures, furniture, etc.....	850.00	
Law Library .....	300.00	
		1,150.00

## AUDITOR'S REPORT.

## CITY TREASURER:

Office fixtures, furniture, etc....	7,795.00	7,795.00
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## CLERK OF COMMITTEES:

Office fixtures, furniture, etc.....	2,500.00	2,500.00
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## ELECTIONS:

Ballot boxes and voting paraphernalia .....	7,500.00	7,500.00
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## FIRE DEPARTMENT:

No. 1 Engine House and lot...	\$20,325.00
No. 2 Engine House and lot...	152,500.00
No. 3 Engine House and lot...	33,875.00
No. 4 Engine House and lot...	22,700.00
No. 5 Engine House and lot...	46,800.00
No. 6 Engine House and lot...	18,175.00
No. 7 Engine House and lot...	24,525.00
No. 8 Engine House and lot...	44,700.00
No. 9 Engine House and lot...	3,000.00
No. 10 Engine House and lot...	30,125.00
No. 11 Engine House and lot...	34,200.00
Steam Fire Engine No.1 .....	1,000.00
Steam Fire Engine No.4 .....	1,000.00
Steam Fire Engine No.7 .....	1,000.00
7 Ahrens-Fox Engines .....	68,950.00
1 Webb Engine .....	1,000.00
1 White Engine .....	6,000.00
4 Locomobiles (Chemicals) .....	20,000.00
1 Foamite Chemical .....	6,500.00
1 Studebaker Truck .....	100.00
4 Moon Runabouts .....	7,840.00
1 Dodge Truck .....	975.00
1 Winton Touring Car .....	2,000.00
1 White Truck .....	3,000.00
1 City Service Truck .....	10,000.00
4 Electric Aerial Trucks .....	40,000.00
Fire Alarm Telegraph and Equipment .....	115,000.00
Hose and connections .....	20,650.00
Sundries and furnishings as per inventories .....	7,500.00

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\$743,440.00

## FREE PUBLIC LIBRARY:

Land and Buildings .....	643,050.00
Books, pictures, etc. ....	220,000.00

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\$863,050.00

## INSPECTOR OF WIRES:

Office fixtures, furniture, etc. ...	1,267.00
5 Automobiles .....	2,300.00
Police Signal System.....	20,000.00
Cable, wire and material .....	6,000.00
1 Automobile .....	100.00

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\$29,667.00

## INTERCEPTING SEWER:

Belleville Avenue Station, building, land and equipment.....	41,233.43
Brock Avenue Station, building, land and equipment.....	32,721.86

## AUDITOR'S REPORT.

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Howland Street Station, building and equipment .....	14,086.74	
Screening Station, building, land and equipment (Rodney Fr. Blvd. West) .....	128,325.36	
Sewer System .....	1,090,799.97	
Wharf .....	7,655.37	
Sewer Cleaning Outfit .....	2,344.03	
Reo Truck .....	1,500.00	
Ford Truck .....	603.00	
Howard Avenue Station, building, and equipment .....	52,264.88	
		\$1,371,534.64
LICENSING BOARD:		
Office fixtures, furniture, etc. ...	\$1,811.00	\$1,811.00
MAYOR'S OFFICE:		
Office fixtures, furniture, etc. ...	\$6,000.00	\$6,000.00
NEW BEDFORD VOCATIONAL SCHOOL:		
Fixtures, machinery, shop material, etc. ....	73,673.59	\$73,673.59
NEW BEDFORD WATER WORKS:		
Acushnet Supply .....	400,000.00	
Quittacus Supply .....	1,700,000.00	
Distribution and other items....	3,470,000.00	
Shop, Tools, harnesses, horses and autos .....	139,882.51	
Office fixtures, furniture, etc. ....	8,000.00	
		\$5,717,882.51
PARK COMMISSION:		
Bridge Park .....	27,975.00	
Buttonwood Park .....	263,025.00	
Brooklawn Park .....	430,522.00	
Common .....	96,950.00	
Hathaway Playground .....	20,000.00	
Grove Park .....	37,050.00	
Hazelwood Park .....	142,100.00	
Ashley Park .....	33,875.00	
Triangle Park .....	1,275.00	
Logan Street Playground .....	19,000.00	
Marine Park .....	45,600.00	
Office furniture, fixtures, etc....	1,000.00	
Animals .....	1,000.00	
Tools and working implements ..	7,000.00	
Athletic Apparatus .....	5,000.00	
Shore Land .....	12,950.00	
Victory Park .....	16,000.00	
Battery D Square .....	850.00	
Brooklawn Park Bldgs. ....	12,000.00	
Victory Park Grandstand .....	25,000.00	
Buttonwood Park Buildings ....	24,000.00	
		\$1,222,172.00
POLICE DEPARTMENT:		
Police Station, Blackmer St. ....	18,650.00	
Central Police Station and Garage	279,125.00	
Police Stable, So. Second St. ...	6,400.00	

## AUDITOR'S REPORT.

Police Station, Kempton and Cedar Sts. ....	29,275.00	
Police Station, Ashley Blvd. and Weld St. ....	18,900.00	
Ambulances, wagons, furniture, etc. ....	30,197.00	
		\$382,547.00
POOR DEPARTMENT:		
Almshouse, outbuildings, land, etc.	\$215,825.00	
Furniture, furnishings, live stock equipment .....	36,433.12	
		\$252,258.12
PUBLIC BATHS:		
Buildings and land .....	\$65,475.00	
Miscellaneous equipment .....	2,500.00	
		\$67,975.00
PUBLIC BUILDINGS, LAND AND OTHER PROPERTY:		
Land, s. s. Tarkiln Hill Road (Dawson Farm) .....	\$54,725.00	
Building, n. s. Willi's Street, west of Purchase .....	3,825.00	
Wardroom, 610 Purchase Street.	1,250.00	
Land, west side of Liberty Street	25.00	
Veteran Firemen's Bldg., High and Foster Sts. ....	4,050.00	
Land, Mechanics, Elm, Sixth and Pleasant Sts. ....	209,350.00	
Municipal Building, William and Pleasant Sts. ....	733,750.00	
Land, Lambeth, Edgewood, Sunderland Sts. ....	25.00	
Land, north side, Tarkiln Hill Rd.	2,275.00	
Rifle Range, Dartmouth .....	13,484.00	
Land, north of High Hill Road..	25.00	
Land, west side, Rodney French Blvd. (West) .....	11,550.00	
Furnishings, Council Chambers and Hearing Hall .....	5,312.00	
East Side Brock Ave. ....	43,175.00	
South Side, Brock Ave. ....	250.00	
North Side, Carlisle Street .....	150.00	
West Side Acushnet Ave. ....	75.00	
		\$1,083,296.00
REGISTRARS OF VOTERS:		
Office fixtures, furniture, etc....	\$3,000.00	\$3,000.00
SCHOOL DEPARTMENT:		
William H. Taylor, Brock Ave...	\$130,225.00	
G. H. Dunbar, Dartmouth and Dunbar Sts. ....	66,625.00	
John B. DeValles, Katherine St..	243,550.00	
R. C. Ingraham, Blackmer and Second Sts. ....	122,000.00	
I. W. Benjamin, Division St.....	47,575.00	
J. B. Congdon, Thompson and Hemlock Sts. ....	145,925.00	
Thomas Donaghy, Acushnet Ave. and South St. ....	111,075.00	

Thompson Street School .....	62,975.00	
Dartmouth Street School .....	23,475.00	
Acushnet Ave. School .....	68,875.00	
B. B. Winslow, Allen St. ....	208,250.00	
A. F. Wood, Pleasant and Russell Sts. ....	49,625.00	
T. A. Green, Purchase and Madi- son Sts. ....	86,125.00	
Harrington School, Court and Liberty Sts. ....	81,425.00	
S. A. Howland, Kempton and Pleasant Sts. ....	105,050.00	
Middle Street School .....	48,100.00	
High School, Court and County Sts. ....	864,150.00	
School Committee Rooms, William St. ....	12,475.00	
T. R. Rodman, Rockdale Ave. and Summit St. ....	112,625.00	
Cedar Street School .....	10,825.00	
M. B. White, Maxfield and Pleas- and Sts. ....	34,400.00	
Clarence A. Cook, Summer and Mill Sts. ....	561,675.00	
H. A. Kempton, Shawmut Ave...	86,050.00	
Parker Street School .....	118,800.00	
Merrimac Street School .....	22,600.00	
Clark Street School .....	62,125.00	
J. H. Clifford, Ashley Blvd. and Coggeshall St. ....	113,100.00	
Cedar Grove St. School .....	50,175.00	
H. M. Knowlton, County and Coggeshall Sts. ....	144,275.00	
Phillips Avenue School .....	61,775.00	
S. D. Ottiwell, Belleville Ave. and Hathaway .....	232,200.00	
John Hannigan School, Emery St.	302,625.00	
Abraham Lincoln, Ashley Blvd. and Glennon St. ....	196,500.00	
Rockdale School, Hathaway Rd..	1,600.00	
Plainville Road School .....	1,700.00	
J. Swift, Lunds Corner .....	110,900.00	
Acushnet Ave., no. of Lunds Cor.	2,000.00	
Portable Buildings .....	58,040.00	
Continuation Schools .....	19,000.00	
Mt. Pleasant School .....	678,375.00	
Charles S. Ashley School .....	684,775.00	
Furniture and Furnishings .....	342,676.23	
		\$6,486,316.23
SEALER OF WEIGHTS AND MEASURES:		
Standard weights, measures, equipment, office furniture, fix- tures, autos, etc. ....	\$3,900.00	\$3,900.00
STREET DEPARTMENT:		
City Yard Lot and Hillman Street Lot and Buildings .....	\$114,450.00	
Autos, crushers, equipment, etc.	207,779.95	
Office equipment .....	3,395.00	
		\$325,624.95



## AUDITOR'S REPORT.

FORESTRY DEPARTMENT:		
Tools and equipment .....	\$3,317.75	\$3,317.75
STREET LIGHTING DEPARTMENT:		
Lamp posts .....	\$100.00	\$100.00
SUPERINTENDENT OF BUILDINGS:		
Office fixtures, furniture, autos, etc. ....	\$7,096.58	\$7,096.58
WHARVES:		
Land, foot of Howland Street....	\$12,050.00	
Land, foot of Centre Street .....	850.00	
Rotch Wharf, Pier No. 3 .....	53,925.00	
Land and Building, Front and Union Sts. ....	20,675.00	
		\$87,500.00
BRIDGES .....	\$718,865.38	\$718,865.38
STREETS AND HIGHWAYS: .....	\$6,158,576.00	\$6,158,576.00
SEWERS: .....	\$4,854,921.00	\$4,854,921.00
MUNICIPAL HOSPITAL SITE: .....	\$36,950.00	\$36,950.00

## RECAPITULATION

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Board of Assessors .....	\$9,805.00
Board of Health .....	175,475.00
Cemetery Board .....	447,680.00
City Auditor .....	3,050.00
City Clerk .....	8,500.00
City Messenger .....	600.00
City Engineer .....	20,114.94
City Solicitor .....	1,150.00
City Treasurer .....	7,795.00
Clerk of Committees .....	2,500.00
Elections .....	7,500.00
Fire Department .....	743,440.00
Free Public Library .....	863,050.00
Inspector of Wires .....	29,667.00
Intercepting Sewer .....	1,371,534.64
Licensing Board .....	1,811.00
Mayor's Office .....	6,000.00
New Bedford Vocational School .....	73,673.59
New Bedford Water Works .....	5,717,882.51
Park Commission .....	1,222,172.00
Police Department .....	382,547.00
Poor Department .....	252,258.12
Public Baths .....	67,975.00
Public Buildings, Land and Other Property..	1,083,296.00
Registrars of Voters .....	3,000.00
School Department .....	6,486,316.23
Sealer of Weights and Measures.....	3,900.00
Street Department .....	325,624.95
Forestry Department .....	3,317.75
Street Lighting Department .....	100.00
Superintendent of Buildings .....	7,096.58
Wharves .....	87,500.00
Bridges .....	718,865.38
Streets and Highways .....	6,158,576.00
Sewers .....	4,854,921.00
Municipal Hospital Site .....	36,950.00

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\$31,185,144.69

## CERTIFICATES.

I certify that I have examined the deposits and securities representing the investments of the sinking funds of the City of New Bedford and the several school and library funds in the custody of the commissioners, trustees and treasurer, and find that the same agreed with the reports for the financial year 1924, rendered by said commissioners, trustees and treasurer, to the City Council.

CHARLES J. MCGURK,  
City Auditor.

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We certify that we have examined the foregoing report and statements of the City Auditor and believe the same to be correct.

WILLIAM E. PARKER,  
GEORGE A. MOOREHOUSE,  
WILLIAM MARTIN.

Sub-committee of the joint standing committee on finance, appointed to examine the books and accounts of the City Treasurer and City Auditor.

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The foregoing report and statements of the City Auditor are approved.

ULRIC E. COLLETTE,  
HENRY S. WINSLOW,  
WILLIAM B. FERGUSON,  
WALTER BAILLARGEON,  
WALTER BALDWIN, JR.  
Committee on Audit.

CITY OF NEW BEDFORD.

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IN BOARD OF ALDERMEN,  
May 14, 1925.

Received, ordered printed in the city documents,  
and sent down for concurrence.

RODOLPHUS A. SWAN,  
City Clerk.

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IN COMMON COUNCIL,  
May 14, 1925.

Concurred.

RUTH G. HILTON,  
Clerk.





ANNUAL REPORT  
OF THE  
CITY TREASURER

FOR THE

Fiscal Year Ending November 30,  
1924



NEW BEDFORD, MASS., 1925.

CITY OF NEW BEDFORD.

—o—

IN BOARD OF ALDERMEN,

February 12, 1925.

Received, ordered printed in the city documents, and sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

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IN COMMON COUNCIL,

Feb. 12, 1925.

Concurred.

RUTH G. HILTON,

Clerk.

Office of the City Treasurer,  
New Bedford, Mass., December 1, 1924.

*To the City Council of the City of New Bedford:*

Gentlemen:—Submitted herewith find the annual report of this department for the year ending November 30, 1924, as required by the ordinances.

Respectfully submitted,

C. R. HATHAWAY,  
City Treasurer.

## TREASURER'S REPORT

STATEMENT OF CASH RECEIPTS AND CASH  
PAYMENTS FOR THE FISCAL YEAR 1924.

## SUMMARY

Cash receipts from revenue sources .....	\$13,801,889.35	
Cash receipts from Non-Revenue .....	1,781,556.81	
Cash receipts from Kempton Fund .....	10,184.78	
Cash receipts from Perpetual Care Funds ..	16,490.00	
Cash receipts from all other funds .....	81,051.59	
Cash receipts from cemetery sale of lots ....	10,625.00	
Cash receipts from highway and sewer de- posits .....	63,777.01	
Total cash receipts .....		\$15,765,574.54
Cash balance, Dec. 1, 1923 .....		2,019,220.12
		<u>\$17,784,794.66</u>
Cash payments for revenue purposes .....	\$13,738,492.85	
Cash payments for Non-Revenue .....	1,933,669.48	
Cash payments for Kempton Fund .....	11,618.09	
Cash payments for Perpetual Care Funds'...	22,992.09	
Cash payments for all other funds .....	76,109.79	
Cash payments for cemetery sale of lots ...	9,421.37	
Cash payments for Highway and Sewer de- posits .....	63,820.02	
Total cash payments .....		\$15,856,123.69
Cash balance, Dec. 1, 1924 .....		1,928,670.97
		<u>\$17,784,794.66</u>

We have examined the foregoing and believe  
the same to be correct.

WILLIAM E. PARKER,  
WILLIAM MARTIN,  
GEORGE A. MOOREHOUSE.

Sub-committee of the Joint Standing Commit-  
tee on Finance, appointed to examine the  
books and accounts of the City Treasurer  
and City Auditor.

ANNUAL REPORT  
OF THE  
COLLECTOR OF TAXES

New Bedford, Mass.,  
December 1, 1924.

*To the City Council of the City of New Bedford:*

Gentlemen:—In compliance with the ordinance requiring that the annual report of the Collector of Taxes shall be made to the City Council annually in January, I submit herewith statement of all collections made during the fiscal year ending November 30, 1924, together with a statement of Taxes remaining unpaid.

Respectfully submitted,

C. R. HATHAWAY,  
Collector of Taxes.



# STATEMENT OF TAX COLLECTIONS

DR.	1924	1923	1922
Uncollected balances, December 1, 1923.....		\$663,437.79	\$29,207.72
Assessors' warrants in detail, 1924:			
State Tax .....	\$347,048.32		
County Tax .....	196,226.95		
City Tax, Department Appropriations .....	3,463,595.88		
City Tax, Debt Appropriations .....	1,687,000.00		
Overlay .....	48,852.21		
Sewer Taxes .....	17,689.27		
Betterment Taxes .....	17,553.16		
Additional Warrants and Re-Assessments .....	69,898.78	37,152.22	
Total Debits .....	\$5,847,864.57	\$700,590.01	\$29,207.72
CR.			
Collections :—Real Estate .....	\$2,856,919.61	\$514,108.62	
Personal Estate .....	2,107,449.12	65,018.91	735.31
Polls .....	49,518.00	43,069.00	127.00
Sewer Taxes .....	7,247.30	4,938.46	
Betterment Taxes .....	10,026.33		
Abatements:—Real Estate .....	5,960.46	1,123.10	
Personal Estate .....	8,081.94	5,062.65	6,848.41
Polls .....	702.00	3,410.00	21,315.00
Bank Tax .....		35,028.00	
Total Credits .....	\$5,045,904.76	\$671,758.74	\$29,025.72
Balances uncollected, December 1, 1924 .....	\$801,959.81	\$28,831.27	\$182.00

New Bedford, Mass.,

December 1, 1924.

*To the City Council of the City of New Bedford:*

The trustees of bequests, gifts and trust funds of the City of New Bedford herewith submit the following as their Seventeenth Annual Report:—

### REPORT

The principal of the Kempton Fund, the gift of Sarah E. Potter, is \$250,000.00.

Under the provisions of the City Ordinances approved by the Mayor, February 26, 1914, and March 12, 1914, the Trustees of the Kempton Fund are also charged with the management and control of the investment of the following funds, viz.:

### TRUST FUNDS

Sylvia Ann Howland, Educational & Library Fund	\$100,000.00
George O. Crocker, Library Fund .....	10,000.00
Charles L. Wood, Library Fund .....	2,000.00
Oliver Crocker, Library Fund .....	1,000.00
George Howland, Jr., Library Fund .....	1,600.00
Charles W. Morgan, Library Fund .....	1,000.00
James B. Congdon, Library Fund .....	500.00
Jonathan Bourne, School Fund .....	1,000.00
	<hr/>
	\$117,100.00

The gross amount of income which has been received by the Trustees is \$16,053.32 and this amount has been paid to the City Treasurer, as provided in the several Trusts and City Ordinances.

FREDERIC TABER,

JOSEPH M. READ,

Trustees.

## TRUST FUNDS

**The Kempton Fund, the Gift of Sarah E. Potter**

	Par Value	Rate	1924 Income
C. B. & Q. R. R.....	\$50,000.00	4	\$2,000.00
Boston & Maine.....	20,000.00	4	800.00
Kansas City .....	19,000.00	4 ½	855.00
Boston Elevated .....	40,000.00	4 ½	1,800.00
N. Y., N. H. & H. R. R.....	5,000.00	4	200.00
N. Y., N. H. & H. R. R.....	20,000.00	4	800.00
Providence & Worcester Ry. Co.	18,000.00	4	720.00
Delaware & Hudson Co.....	5,000.00	4	200.00
Atchinson, Topeka & Santa Fe..	5,000.00	4	200.00
N. B., Inst. Savings, Deposits...	1,773.13	4 ½	79.78
U. S., Liberty, 2nd. Conv.....	79,000.00	4 ¼	3,357.50
	<u>\$262,773.13</u>		<u>\$11,012.28</u>

**Sylvia Ann Howland, Educational and Library Fund**

City of New Bedford.....	\$25,000.00	4	\$1,000.00
City of New Bedford.....	1,000.00	4	40.00
N. B. Inst. Savings, Deposits....	1,014.45	4 ½	45.64
U. S. Liberty 4th.....	50,000.00	4 ¼	2,125.00
U. S. Liberty 2nd Conv.....	25,000.00	4 ¼	1,062.50
	<u>\$102,014.45</u>		<u>\$4,273.14</u>

**George O. Crocker, Library Fund**

U. S. Liberty 2nd, Conv.....	\$10,000.00	4 ¼	\$425.00
N. B. Inst. Savings, Deposits...	520.00	4 ½	23.40
	<u>\$10,520.00</u>		<u>\$448.40</u>

# TRUST FUNDS

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## Oliver Crocker, Library Fund

N. B. Inst. Savings, Deposits . . . \$	1,000.00	4 ½	\$45.00
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## Charles L. Wood, Library Fund

N. B. Inst. Savings, Deposits . . . \$	2,000.00	4 ½	\$90.00
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## George Howland, Jr., Library Fund

N. B. Inst. Savings, Deposits . . . \$	1,600.00	4 ½	\$72.00
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## Charles W. Morgan, Library Fund

N. B. Inst. Savings, Deposits . . . \$	1,000.00	4 ½	\$45.00
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## James B. Congdon, Library Fund

N. B. Inst. Savings, Deposits . . . . \$	500.00	4 ½	\$22.50
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## Jonathan Bourne, School Fund

N. B. Inst. Savings, Deposits . . \$	1,000.00	4 ½	\$45.00
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New Bedford, Mass.,

December 1, 1924.

*To the City Council of the City of New Bedford:*

As Treasurer of the Charles S. Paisler Educational Fund I submit herewith the following Seventh Annual Report:—

### REPORT

The principal of the Charles S. Paisler Educational Fund is \$30,115.58, which amount is deposited in the New Bedford Safe Deposit National Bank at 4 percent. The income is to be divided as per provisions of the will and acceptance of trust as follows, viz:—

One third to Mary V. King for life and two thirds to the City of New Bedford, Charles S. Paisler Educational Fund.

Received:

Interest for year ending Nov. 30, 1924, \$1,204.68

Paid:

One third to Mary V. King, \$401.52

Two thirds to City of New

Bedford, Charles S.

Paisler Educational Fund, 803.16

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\$1,204.68

Respectfully submitted,

C. R. HATHAWAY,

City Treasurer.



## Report of the Commissioners of the Sinking Funds

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City of New Bedford,

January 26, 1925.

*To the City Council of the City of New Bedford:*

Gentlemen:—At a meeting of the Commissioners of the Sinking Funds of the City of New Bedford, held this date, it was

Voted:—To adopt the foregoing statement of the Treasurer of the Sinking Funds as the report of the Commissioners of the Sinking Funds of the City of New Bedford, required by the Statutes of the Commonwealth of Massachusetts to be made annually to the City Council.

WM. S. COOK,  
BENJ. A. TRIPP,  
CHAS. S. KELLEY, JR.,  
Commissioners of the Sinking Funds.

New Bedford, Mass.,  
January 21, 1925.

William S. Cook, Esq.	}	Commissioners of the New Bedford Sinking Funds.
Charles S. Kelley, Jr. Esq.		
Benjamin A. Tripp, Esq.		

Dear Sirs:

I have made an examination of the books and accounts of the Treasurer of the Sinking Funds, for the year ending November 30, 1924, and hereby certify that they are correct. I have also examined the cash and securities representing the investments, amounting to \$2,144,549.43, and find that they agree with the Treasurer's report.

COMMONWEALTH OF MASSACHUSETTS

Division of Accounts

EDW. H. FENTON,  
Chief Examiner.

## Report of the Treasurer of the Sinking Funds

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City of New Bedford, Mass.

December 1, 1924.

To the Commissioners of the Sinking Funds  
of the City of New Bedford:

Gentlemen:—Herewith find a statement of my accounts as Treasurer of the Sinking Funds for the year 1924, together with a list of securities in the fund.

### DR.

Par value of Sinking Fund Invest-	
ments, close 1923,	\$2,225,946.91
Income Account,	88,602.52
	<hr/>
	\$2,314,549.43

### CR.

Par value of Investments, close 1924,	\$2,144,549.43
Sinking Fund, No. 47, matured De-	
cember 1, 1923,	50,000.00
Sinking Fund No. 23, matured April	
1, 1924,	120,000.00
	<hr/>
	\$2,314,549.43

# INVESTMENT OF NEW BEDFORD SINKING FUNDS, 1924

1923	Dec.	1	Columbus,	5	\$ 4,000.00	
	Dec.	15	New Bedford,	4	34,000.00	
						\$ 38,000.00
1925	Jan.	1	Chicago,	4	1,000.00	
	Jan.	15	Edison Co.,	5 ½	4,000.00	
	Apr.	1	Minneapolis,	4	20,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Kennebec,	3 ½	10,000.00	
	May	1	Providence,	4	2,000.00	
	May	2	Malden,	4	20,000.00	
	May	15	Concord,	4 ½	7,000.00	
	July	1	New Bedford,	4	5,000.00	
	July	1	New Bedford,	3 ½	5,000.00	
	July	1	Milwaukee,	5	15,000.00	
	Aug.	1	Troy,	4	10,000.00	
	Oct.	1	Falmouth,	3 ½	1,000.00	
	Oct.	1	Chelsea,	4	5,000.00	
	Oct.	1	Lansing,	5	5,000.00	
	Oct.	1	Akron,	4 ¾	7,000.00	
						\$138,000.00
1926	Mar.	1	New Bedford,	4	4,000.00	
	Mar.	1	Peoria & N. W.,	3 ½	5,000.00	
	Apr.	1	Minneapolis,	4	20,000.00	
	Apr.	1	New Bedford,	4	1,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	Apr.	1	New Bedford,	4	13,000.00	
	July	1	Attleboro,	4	18,000.00	
	July	1	Milwaukee,	5	15,000.00	
	Aug.	15	Chicago & N. W.,	4	10,000.00	
	Aug.	15	Hanover,	4	3,000.00	
	Sept.	1	Claremont,	4 ½	4,000.00	
	Sept.	1	Los Angeles,	5 ¾	4,000.00	
	Sept.	1	Boston & Maine,	4	25,000.00	
	Oct.	1	Falmouth,	3 ½	1,000.00	
	Dec.	1	Salem,	4 ¼	2,000.00	
			Toledo,	4 ¾	10,000.00	
						\$137,000.00
1927	Jan.	1	New Bedford,	4	9,000.00	
	Jan.	1	Waltham,	4	2,000.00	
	Feb.	1	West End St. Ry.,	6 ¼	34,000.00	
	Mar.	1	Fitchburg R. R.,	4	5,000.00	
	Mar.	1	New Bedford,	4	6,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	C. B. & Q. R. R.,	4	5,000.00	
	May	1	C. B. & Q. R. R.,	4	31,000.00	
	June	1	Taunton,	4	1,000.00	
	June	1	Yonkers,	4 ½	25,000.00	
	July	1	Somerville,	3 ½	2,000.00	
	Aug.	1	Grand Rapids,	4 ½	10,000.00	
	Oct.	1	Falmouth,	3 ½	1,000.00	
	Dec.	1	County of Essex,	4	1,000.00	
	Dec.	1	New Bedford,	4	2,000.00	
						\$136,000.00

## SINKING FUNDS

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1928	Jan.	1	New Bedford Gas,	6	11,000.00	
	Jan.	1	New Bedford Gas,	7	15,000.00	
	Feb.	1	New Bedford,	3 ½	3,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Port. & Ogdensb'g,	4 ½	5,000.00	
						\$ 38,000.00
1929	Jan.	1	Westerly,	4	2,000.00	
	Feb.	1	Mil. L. S. & West.,	5	30,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	July	1	Am. T. & T. Co.,	4	25,000.00	
	Oct.	1	Chicago & N. W.,	6	3,000.00	
	Oct.	1	Chicago & N. W.,	5	18,000.00	
	Oct.	1	St. Louis,	4	10,000.00	
						\$ 90,000.00
1930	Jan.	1	Com'lth of Mass.,	3	25,000.00	
	Jan.	1	State of Mass.,	3	4,000.00	
	Jan.	31	Natick,	3 ½	5,000.00	
	Mar.	1	Brockton,	3 ½	10,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	July	1	West End St. Ry.,	4	49,000.00	
	Dec.	1	Taunton,	3 ½	8,000.00	
						\$ 89,000.00
1931	Apr.	1	New Bedford,	4	2,000.00	
	July	1	New Bedford,	4	2,000.00	
	Nov.	1	Com'lth of Mass.,	3	50,000.00	
						\$ 29,000.00
1932	Mar.	1	New Bedford,	3 ½	24,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	Aug.	1	West End St. Ry.,	4	49,000.00	
						\$ 54,000.00
1933	Apr.	1	Fall River,	3 ½	3,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Boston & Albany,	4	5,000.00	
	May	1	Woonsocket,	4	5,000.00	
	Oct.	15	U. S. Liberty,	4 ¼	395,000.00	
						\$ 410,000.00
1934	Apr.	1	New Bedford,	4	2,000.00	
	July	1	Citizens Elec. Ry.,	6	1,000.00	
	Aug.	1	Augusta,	4	40,000.00	
	Aug.	1	Willimantic,	4	1,000.00	
						\$ 44,000.00
1935	Mar.	1	Westerly,	3 ½	8,000.00	
	Apr.	1	No. Maine Seaport,	5	35,000.00	
	Apr.	1	Lynn,	3 ½	5,000.00	
	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Boston Elevated,	4	25,000.00	
	July	1	So. Norwalk,	4	3,000.00	
	Sept.	1	So. Norwalk,	4	5,000.00	
						\$ 83,000.00
1936	Apr.	1	New Bedford,	4	2,000.00	
	May	1	Saginaw,	5	15,000.00	
						\$ 17,000.00



## SINKING FUNDS

1937	Apr.	1	New Bedford,	4	1,000.00	
	May	1	Quincy,	4	2,000.00	
	July	1	San Francisco,	4 ½	25,000.00	
						\$ 28,000.00
1938	July	1	K'mazoo Al. & G.R.	5	4,000.00	
	Dec.	1	Stamford,	4	5,000.00	
						\$ 9,000.00
1940	July	1	Erie & Pitts. R. R.,	3 ½	50,000.00	
						\$ 50,000.00
1942	May	1	Quincy,	3 ½	1,000.00	
	Nov.	15	U. S. Liberty 2d,	4 ¼	74,000.00	
						\$ 75,000.00
1943	Jan.	1	Bangor & Aroost'k	5	29,000.00	
						\$ 29,000.00
1944	Jan.	1	Boston & Maine,	4 ½	5,000.00	
	Mar.	1	St. Johnsb'y & L.C.	5	11,000.00	
						\$ 16,000.00
1945	July	1	New Eng. R. R.,	4	13,000.00	
						\$ 13,000.00
1946	July	1	Boston Terminal,	4	20,000.00	
						\$ 20,000.00
1949	July	1	C. B. & Q.,	3 ½	36,000.00	
	July	1	C. B. & Q.,	4	39,000.00	
						\$ 75,000.00
1950	Dec.	1	Detroit,	5	10,000.00	
						\$ 10,000.00
1951	July	1	N. E. Power,	5	32,000.00	
	Aug.	1	Ill. Central,	3	25,000.00	
	Sept.	1	Mich. Central,	3 ½	12,000.00	
						\$ 69,000.00
1952	May	1	Mich. Central,	3 ½	30,000.00	
	June	1	N. E. T. & T. Co.,	5	15,000.00	
						\$ 45,000.00
1953	July	1	Ill. Central,	3 ½	22,000.00	
						\$ 22,000.00
1954	Jan.	1	Wash.Co. R. R.,	3 ½	16,000.00	
	Apr.	1	N. Y. N. H. & H.,	3 ½	11,000.00	
	May	1	N. Y. N. H. & H.,	4	35,000.00	
	May	1	Naugatuck R. R.,	4	4,000.00	
						\$ 66,000.00
1955	July	1	N. Y. N. H. & H.	4	53,000.00	
						\$ 53,000.00
1956	May	1	N. Y. N. H. & H.,	4	25,000.00	
						\$ 25,000.00
1957	Jan.	1	New Bedford,	4	5,000.00	
						\$ 5,000.00

## SINKING FUNDS

17 h

1958 Mar. 1 C. B. & Q. R. R., 4	10,000.00	
		<u>\$ 10,000.00</u>
Total,		<u>\$1,923,000.00</u>
Savings Bank and Note Account,		63,547.90
Cash on Deposit,		<u>158,001.53</u>
Securities at par, close of 1924,		<u>\$2,144,549.43</u>

Respectfully submitted,

C. R. HATHAWAY,

Treasurer.

# STATEMENT OF CONDITION OF THE VARIOUS SINKING FUNDS.

No.	Fund.	Payable	Total.
49	\$ 100,000	High School Bonds, July 1, 1925	\$ 100,000.00
50	21,000	School Bonds, July 1, 1925	21,000.00
51	62,000	Sewer Bonds, July 1, 1935	62,000.00
18	100,000	Park Bonds, Apr. 1, 1942	77,355.05
24	1,200,000	Water Bonds, Dec. 15, 1924	
		Apr. 1, 1926	
		Jan. 1, 1927	1,200,000.00
25	58,000	Sewer Bonds, April 1, 1925	58,000.00
55	20,000	Engine H. Bonds, May 1, 1927	20,000.00
29	69,000	Sewer Bonds, Mar. 1, 1927	69,000.00
30	52,000	Wharf Bonds, May 1, 1927	52,000.00
31	35,000	Sewer Bonds, Feb. 1, 1928	35,000.00
36	33,000	Sewer Bonds, Feb. 1, 1929	33,000.00
38	48,000	Water Bonds, June 1, 1930	48,000.00
40	30,000	Sewer Bonds, Mar. 1, 1932	30,000.00
48	30,000	Sewer Bonds, Dec. 1, 1933	30,000.00
39	28,000	Park Bonds, July 1, 1951	17,278.02
54	72,000	Park, Bridge Approach, Jan. 1, 1957	28,637.21
53	777,000	Bridge Bonds, Jan. 1, 1957	249,279.15
61	14,000	School Bonds, Dec. 1, 1930	14,000.00
			\$2,144,549.43

## DIVISION OF SINKING FUNDS

Municipal Loans .....	\$ 372,000.00
Water Loans .....	1,248,000.00
Park Loans .....	94,633.07
Wharf Loans .....	52,000.00
High School Loans .....	100,000.00
Bridge Loans .....	249,279.15
Park, Bridge Approach Loan .....	28,637.21
Total .....	\$2,144,549.43

ANNUAL REPORT  
OF THE  
SOLDIERS' RELIEF

New Bedford, Mass.,  
December 1, 1924.

*To the City Council of the City of New Bedford:*

Gentlemen:—

Submitted herewith find the annual report for the  
year ending November 30, 1924.

Respectfully submitted,

C. R. HATHAWAY,  
City Treasurer.

## SOLDIERS' RELIEF

SUMMARY OF EXPENDITURES FOR THE  
FISCAL YEAR ENDING NOVEMBER 30, 1924.

Groceries,	\$11,952.00
Wood,	1,154.50
Coal Delivery,	1,050.99
Shoes,	93.75
Physician,	594.45
Medicine,	487.07
Hospital,	213.70
Office Equipment,	77.25
Office Supplies,	204.82
Telephone,	1.50
Miscellaneous,	81.48
Cash Disbursements (Soldiers' Relief)	16,092.00
Total,	<u>\$32,003.51</u>

## COMMENTS.

\$42,524.57 Soldiers' Relief Expenditures for 1923.

32,003.51 Soldiers' Relief Expenditures for 1924.

\$10,521.06 Less expended than in 1923.

\$40,000.00 Amount appropriated for 1924.

32,003.51 Amount expended for 1924.

\$ 7,996.49 Balance from appropriation.

## RECIPIENTS BY WARS.

Civil War,	123
Spanish War,	24
German War,	<u>321</u>

Total recipients for year 1924, 468

\$67.60 Average amount received per recipient a year.

Received \$100.00 from Town of Bridgewater to reimburse the amount advanced in case No. 296, which is as follows:

Dec. 11, 1923,	\$32.00
Jan. 10, 1924,	40.00
Feb. 4, 1924,	<u>28.00</u>

Total, \$100.00

Received \$4.50 on Oct. 6, 1924, from City of Boston to reimburse the amount advanced in case No. 229.



# SOLDIERS' RELIEF

## Recapitulation of Expenditures of Soldiers' Relief for the Fiscal Year Ending Nov. 30, 1923.

Months	Groceries	Wood	Coal Del.	Shoes	Phy.	Med.	Hosp.	Office Equip.	Office Supplies	Tel.	Misc.	Cash Disb.	Mo. Totals
1923													
Dec.	436.50	107.50	168.48	4.00	80.00	70.15		77.25	9.60		5.00	1,185.00	2,143.48
1924													
Jan.	823.50	120.00	150.29		80.00	30.50			7.10	1.50	7.00	1,280.00	2,492.89
Feb.	1,363.50	135.00	191.57	8.00	80.00	41.20			51.05			1,201.00	3,078.32
Mar.	1,800.00	150.00	197.31	22.25		67.82	70.75		1.00			1,170.00	3,479.13
Apr.	1,674.00	137.50	159.44		35.00	82.91			26.50			1,234.00	3,349.35
May	1,201.50	100.00		12.00	319.45*	52.05	34.30		3.00			1,173.00	2,895.30
June	994.50	80.00	2.40			32.47	40.75		3.00			1,284.00	2,437.12
July	1,089.00	72.50		14.00		15.24	5.00		35.67		1.50	1,310.00	2,542.91
Aug.	819.00	48.00		13.50		40.69			20.00		1.38	1,570.50	2,513.07
Sept.	549.00	58.00		12.00		2.15			47.90		38.00	1,672.00	2,379.05
Oct.	657.00	68.00				29.44	20.00				2.10	1,455.50	2,232.04
Nov.	544.50	78.00	96.50	8.00		22.45							
			c85.00				42.90						
Total	11,952.00	1,154.50	1,050.99	93.75	594.45	487.07	213.70	77.25	204.82	1.50	81.48	16,092.00	32,003.51

\*—Order transfer to account of "City Physician."

c—Ten half tons of coal bought as per contract for 1924-1925.







# Thirty-second Annual Report

OF THE

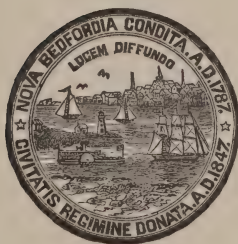
## ENGINEERING DEPARTMENT

CITY OF NEW BEDFORD

BY THE

CITY ENGINEER

For the Year 1924.



NEW BEDFORD, MASS.  
THE A. E. COFFIN PRESS—PRINTERS  
1925.



## NEW BEDFORD

December 1, 1924.

Set off from Dartmouth.....	1787
Incorporated as a city.....	1847
Length of city.....	10.78 miles
Breadth of city (maximum).....	3.10 "
Area—Land....	12,216 acres
Ponds... 200 "	
Land and ponds..	12,416 acres - 19.40 sq. miles
Tidal waters .....	8,457 "
20,873	" - 32.61 " "
Length of frontage on tidal waters.....	10.13 miles
Depth of main channel.....	25 ft. at low water
Average rise and fall of tide.....	3.6 ft.
Population:—Assessor's estimate .....	135,377
Assessed valuation .....	\$217,646,125
Assessed valuation per capita .....	\$1,607.70
Accepted streets (Dec. 31, 1924) .....	203.97 miles
Bridges (3).....	0.796 miles in New Bedford
Sewers .....	172.91 miles
Length of Intercepting Sewer:	
Outfall .....	0.626 miles
Interceptor .....	7.66 "
10 parks and 2 public playgrounds, area...	243.33 acres
38 school buildings: Area of ground.....	53.67 acres
(Includes 2 unused)	

# ENGINEER'S REPORT

City of New Bedford,  
Engineering Department,  
January 1, 1925.

*To the City Council of the City of New Bedford:—*

Gentlemen:—In compliance with section 56 of the city ordinances, defining the duties of the City Engineer, I respectfully submit the following report of the expenses and operations of the Engineering Department for the year ending December 1, 1924.

## EXPENDITURES

Salaries and payrolls .....	\$39,607.64	
Telephone .....	17.44	
Local Transportation .....	2,628.82	
Drawing supplies .....	429.05	
Blueprint materials .....	330.37	
Printing, stationery, advertising, etc. ....	369.27	
Sundry supplies .....	232.56	
Office furniture and repairs .....	155.00	
Platting system expenses .....	294.79	
General instruments for office and field .....	657.87	
Traveling expenses, express, postage, etc. ..	217.79	
Printing annual report .....	81.50	
Public statutes and reference books .....	67.39	
Meteorological instruments .....	148.37	
Photography .....	118.41	
Boundstones .....	50.00	
Labor not in payroll .....	74.00	
		\$45,480.27
Balance .....		2,519.73
		<u>\$48,000.00</u>

## RECEIPTS

Appropriation, regular .....	\$48,000.00
------------------------------	-------------

## EXPENDITURES

Gross .....	\$45,480.27
-------------	-------------

## RECEIPTS

Credit from sale of blueprints, material and maps .....	\$ 168.77
Net expenditures .....	<u>\$45,311.50</u>
	\$45,480.27

# MAINTENANCE

## EXPENDITURES FOR ACCOUNT OF INTERCEPTING SEWER

Fiscal Year 1924.

	Labor	Telephone	Coal	Electricity	Water	Supplies and Equipment	Total
Screen Station	\$9,371.06	\$42.84	\$1,164.69		\$69.98	\$821.01	\$11,469.58
Brock Avenue Station	3,099.19	42.00	152.25	\$3,715.75	10.36	515.59	7,535.14
Belleville Avenue Station	2,740.34	42.00	149.76	3,880.79	275.63	341.20	7,429.72
First Street Station	2,203.21			554.87	10.00	283.19	3,051.27
Howard Avenue Station	2,376.43	43.48	105.80	232.31	7.64	376.65	3,142.31
Main Sewer						94.56	94.56
General maintenance	1,601.64	23.61			240.80	92.56	1,935.00
Flushing for Street Dept.	425.31				22.79		23.61
							898.47
							26.33
							35,605.99
							448.10*
							\$36,054.09
							1,600.00
							5,764.81
							\$43,418.90

### RECEIPTS.

Appropriation, regular	\$43,000.00
*Street Department for flushing	375.90
Annual fee from Dartmouth and Acushnet for use of Intercepting Sewer	43.00
Gross	\$43,418.90
EXPENDITURES.	\$36,054.09
RECEIPTS.	
From fee from Dartmouth and Acushnet	\$ 43.00
*From flushing for Street Department	375.90
Net expenditures	35,635.19
	\$36,054.09

The city ordinances provide that the engineering department shall perform all engineering work required by the city at the request of the mayor, city council, or either branch thereof, or any committee thereof, or any administrative board or officer.

The following total gives a fairly accurate proportioning of the cost of work done for the various departments of the city based on the time expended.

The administration costs, transportation, and bills for materials cannot be accurately apportioned, but will follow fairly closely the ratio of labor costs as given in the table.

### CLASSIFICATION OF WORK

		Per cent
Engineering Department .....	\$17,904.07*	48.65
Intercepting Sewer .....	966.47	
Harbor Construction .....	399.75	
Street Department, Sewer Construction ....	857.24	17.97
Street Department, Street Construction ....	6,261.04	
Assessors .....	4,187.34	10.57
City Government and Committees .....	4,247.13	10.72
Inspector of Buildings .....	2,279.13	5.75
Water Works .....	1,250.37	3.16
Public Service Corporations .....	196.92	.50
Park Department .....	110.06	.28
School Department .....	28.33	.07
Cemetery Department .....	313.87	.79
Inspector of Wires .....	398.41	1.01
Police Department .....	2.00	.01
Fire Department .....	20.20	.05
Health Department .....	15.97	.04
Superintendent of Buildings .....	134.19	.34
City Clerk .....	14.15	.04
City Solicitor .....	21.00	.05
	<hr/>	
	\$39,607.64	

\*Includes administration, \$4,000.00.

The cost of all this work is paid from the appropriation made for engineering and is not charged to the various departments.

By this method the entire cost of the engineering work of the city is clearly set forth in one item and all this class of work is done by a department large enough to be properly

equipped to perform the same economically. Further, there is no temptation for the several departments to economize by neglecting to have proper plans made for their work and for record.

The 1916 ordinance not only provided that all plans, designs, specifications, lines, and grades for all municipal engineering work should be furnished by the city engineer, but that he should supervise the construction of the same.

This year the city council has seen fit to amend this ordinance by striking out the last clause providing for supervision.

This is directly contrary to the recommendation of Gaylord C. Cummin, who was engaged to make a study of this department, and, in my opinion, is not the best solution of the question, as it allows divided responsibility. In the case of the failure of any construction, the department performing the work may claim faulty design, while the engineer may claim that his instructions have not been properly carried out.

Of course the object to be accomplished by this ordinance is to secure the best results for the City of New Bedford, not to dodge responsibilities. As both the engineering department and the department performing certain work from the engineer's designs are working for the common interest of the city, I believe the ordinance in its original form best accomplishes this purpose. The engineer should be privileged to supervise (not superintend) the work he has laid out. In case he finds it being improperly performed, he should call the matter to the attention of the head of the department performing the same, and I cannot conceive of a condition where the two could not cooperate, as their interests are common.

I suggest that this matter be given further consideration, and the relation of the engineer to the construction work of the various departments clearly defined.

## WATER SUPPLY.

The Legislature of 1924 passed a bill (Chapter 400) authorizing the cities of Fall River, New Bedford and Taunton to increase their water supply. This bill assigns certain waters of Assawompsett and Pocksha Ponds to the use of New Bedford with the right to take measures to properly protect the water-shed of the same from pollution.

At the request of the Superintendent of Water Works, this department has undertaken the completion of a survey and plan, which will cover the whole area of the watershed of the ponds now controlled by the city.

This work was commenced in the fall, and good progress has been made on it. I hope to be able to complete a large part of this work during the winter before the commencement of our usual spring work.

## STREETS.

As I stated in my last report, New Bedford is at the present time well supplied with well paved through streets, leading both north and south, and east and west, making it possible to go from any part of the city to any other by reasonably direct and well-surfaced routes. This result has been attained by consistently building, during a long period of years, according to a carefully worked-out plan. There are still streets of this type to be constructed, but none of them are particularly urgent at the present time.

We have a very considerable amount of waterbound macadam, especially in the older portions of the city. It is a source of continual expense for maintenance and is constantly in a state of poor repair. This should be relaid as rapidly as possible with a modern pavement, extending from curb to curb, thereby eliminating the old cobble gutters and practically widening the roadway 6 or 7 feet.



The building which is extending rapidly into new districts also requires the continued laying of new surfaces for its accommodation. I feel that the city may well concentrate its efforts on the construction of these two latter classes of streets during the coming season, using bituminous macadam for that purpose.

One street seems to stand in a class by itself. I refer to Kings Highway, extending southwesterly from the Acushnet station to Mt. Pleasant street. This street is 66 feet wide and at present has no buildings upon it, with the exception of a factory. It is such a valuable cut-off however, that even in its present rough and unsatisfactory condition it is much used by traffic from the westerly part of the city on the route to points north of New Bedford. Its construction with a 24-foot strip of macadam would be greatly appreciated by the general public, and would serve to relieve the streets in the north end and center, to a large extent.

It is by providing direct and well paved routes and building streets which invite the distribution of traffic that we can best prevent congestion on our prevailing narrow streets. In such methods lies our best hope for postponing, and if possible, eliminating the excessive cost of street widenings. At present we have plenty of roadway area, but the indirect and poorly paved streets are not carrying their proportionate share of the traffic.

The business center of the city is in one of the sections first settled and the streets leading west therefrom are mostly 40 feet in width.

Union street, however, which is in the very heart of the business center, has, by six separate widenings, now been made 60 feet in width, with a 40-foot roadway from Acushnet avenue to Orchard street.

From the river to Acushnet avenue and from Orchard street to Chancery street it is at its original width of 46 feet with a 24-foot roadway, and from Chancery street to Rockdale avenue 50 feet wide with a 30-foot roadway.

The street is well paved from Second street to Rockdale avenue and is now easily carrying a very heavy traffic, affording the best route from the west directly to the center.

From Acushnet avenue easterly, however, this street is very crowded and is inadequate for the needs of the district it serves. The block from Second street to Acushnet avenue is particularly bad, as it is used by four lines of cars which hold up all traffic on the street as they turn the corner of Second street and all west bound traffic at their stop at Acushnet avenue.

Conditions have been much improved in the center by replacing rough block pavements with an asphalt surface on Union street from Second to Purchase; William street from Second to Purchase; Second street from Maxfield to Union; and Water street from North to Willis. The latter provides a fine route from the bridge to the depot and the north end.

The old way through the middle of Bridge Park to Second street, where it came to a dead end, has been discontinued and a new way, from the bridge to High street at Second, provided.

This has furnished considerable relief for travel to and from the bridge, but its full value cannot be attained until Middle and High streets are operated as one way streets according to the original design for this parkway.

Rockdale avenue has been paved with Endurite from Dartmouth street to Court street, thus connecting Kempton street with the Clarks point system of boulevards by a continuous asphaltic road.

This completes another large section of our main encircling street as recommended by Olmstead and Elliot in their survey of our park and boulevard conditions. There now remains the section from Kempton street to Mt. Pleasant street at the Hathaway road to complete the system. The most expensive section of land to be acquired for this purpose has already been taken and the buildings moved back. I feel that another section of this street should be accepted in 1925 before it is built upon and the expense thereby greatly increased.

Much improvement has been made in traffic conditions by the adoption of a longer radius standard curb corner, and by the cutting off of several very bad corners.

This work should be continued as the benefits derived thereby are very great in proportion to the expense involved. Several of these cut-offs have been made at the request of property owners who have public spiritedly given their land for this purpose.

### SIDEWALKS.

For a long time New Bedford has been better provided with improved streets than proper sidewalks. During 1924, however, the board of aldermen ordered several continuous sections of walk laid under the law providing for the assessment of betterments. These were built in the south, west, and north parts of the city. They included County street, both sides, Cove road to Rockland street; Rivet street, north side, County street to Bolton street; Union street, north side, Ash street to Rockdale avenue; Purchase street, west side, Clark street to Deane street; Sawyer street, north side, from Soule Mill to Purchase street; and Acushnet avenue, west side, from Earle street to Tarkiln Hill road; a total of 32,899 square yards or 7.321 miles in length.

This work seemed to meet with general approval, and there was practically no objection from the abutters, who were required to pay half the cost, as in the case of walks laid on petition. This work should not only be continued but there are now many places where walks laid in front of one or two lots would give a continuous walk through a block. I have prepared a list of some of these cases and shall present it to the board of aldermen at an early date for their consideration.

### SIGNS.

Direction signs of uniform design, consisting of a yellow arrow, with black letters have been placed at every strategic point on the through routes into the city.

The State Department of Public Works assigned the No. 140 to the route from New Bedford to Taunton and this number is on all the signs on the route from the north to the center, while the State No. 3 appears on all signs on the Fall River—Cape Cod route.

These signs were located with great care and I believe New Bedford is as plainly and as well-routed as any city in the Commonwealth.

We are, however, sadly deficient in the matter of street signs. We should have permanent four-way signs with street numbers, set on posts, one at each intersection. This will be very expensive, but a start should be made with our business and main-travelled streets and the system gradually extended as rapidly as possible, with due regard to expense.

### SEWERS.

In the years from 1920 to 1924, inclusive, there has been approximately \$200,000 spent each year for sewer construction. This amount has not been fixed by the actual need for this work, as a much larger amount would be

required to complete an adequate sewer system for our present needs. It has been determined, rather, by the amount that we felt justified in expending for this purpose and by the amount of work that could be handled economically by the sewer department as now organized with men and equipment.

During the first four of these years about two-thirds of the appropriation was used in building sewers on petitions of property owners who had erected houses on new streets not provided with sewers, and one-third for the extension of trunk sewers to care for such laterals.

In 1924 this condition was exactly reversed, and I expect this condition will be more pronounced in 1925. I anticipate comparatively few petitions for local sewers in districts where they can be had at present, but we already have several petitions for sewers where they cannot be laid because there are no trunk sewers for them to drain into.

For many years the Tarkiln Hill road has been the northerly terminus of our sewer system, with the exception of a single sewer laid in Acushnet avenue nearly to Phillips road.

This sewer follows the ridge and cannot drain land lying to the east and west of this street. The only justification for laying this particular sewer was that the avenue is quite closely built up with houses and stores requiring drainage at present.

If we had been obliged to depend on trunk sewers and laterals for this drainage it would have been many years before the relief already afforded could have been obtained.

There are, however, many houses in this district, which is now the most rapidly growing section of the city. To provide drainage in this section a very large amount of money must first be spent in constructing trunk sewers through the low unoccupied land to receive the laterals, and from which no immediate local benefits can be expected.



It is this situation which has held back the sewer construction north of Tarkiln Hill road but it cannot be longer postponed.

During 1924 this work was commenced by building a large sewer and surface drain from Tarkiln Hill road and Mill road to Conduit street at Ohio street at an estimated cost of \$75,000.00. The next section will lie across the Hawes ice pond and extend north in streets east of Pine Grove Cemetery while another branch will extend west in Jarry street to drain the streets on the Hawes farm property. Another trunk sewer is now under construction in Church street for which an appropriation of \$35,000.00 has already been made and more money will be required in 1925.

There are now ninety-three houses situated on the Hawes farm wholly without drainage. There are also  $4\frac{1}{2}$  miles of streets in this same section which are in a deplorable condition and cost a large amount annually to keep in safe condition. It will be useless to attempt any permanent work on these streets until suitable drainage is supplied.

The first mentioned trunk sewer must eventually pass across the Pine Grove Cemetery and through a valley west of Ashley boulevard. This will necessitate the laying out of a new north and south street about in line with proposed Morton avenue.

As this section is being very rapidly built up, immediate steps should be taken to secure the land required for this street or the costs of removing buildings will be added to the cost of land.

The Howard avenue station of the intercepting sewer has been completed, and was put into regular operation April 13, 1924. The original estimate of the cost of this station was \$42,000.00, but, owing to unexpected difficulties



in the foundation, an additional appropriation of \$10,500.00 was made. The actual cost of the station was

Substructure .....	\$32,540.74
Superstructure .....	14,000.00
Equipment .....	5,724.14
<hr/>	
Total .....	\$52,264.88

or \$235.12 less than the total appropriation.

The substructure of this station was built by the street department and the superstructure by Bishop & Company. The electrical equipment was furnished by Hawes & Farmer and the pumps by Starkweather & Broadhurst. All the machinery and heating apparatus was erected by our own forces.

This is an automatically controlled station with 2-8" Morris pumps, with a combined capacity of 3,000 gallons per minute or 4,320,000 gallons per 24 hour day, 2-15 H. P. Lincoln motors, E. C. & M. control with oil switches.

The station will handle only sewage from separate system sewers and is of sufficient capacity for all future needs without additional equipment.

This station is a model of its kind, and one of which the city may be proud. While the cost of such a station might be somewhat reduced, I believe this could only be done by the use of cheap material, and the sacrifice of needed room.

Several more of these stations are still needed to take the sewage from the lower sections of the city and the mills out of the river.

I would recommend that when built they be similar to the Howard avenue station.

I recommend placing the first of these to be built on Coggeshall street to cut off the sewage flow from Sawyer street and Coggeshall street into the river.

The space originally provided in the screen house at Clarks Point for a chemical mixing and treating room, and for which we have had no use, has been floored over on the level of the main floor of the building. The large window on the south side has been converted into a door similar to the door to the main room. The whole has been made fireproof and is now available for auto storage and repairs, and also provides us with a commodious workroom for the repair of machinery.

The grounds about the building have been filled, graded, and grassed, greatly improving the appearance of this property.

The wharf at the screen house has not yet been repaired as recommended last year, the price submitted \$5,200 having been considered too high. Unless this work is done very soon we shall lose this structure as all the piles are badly eaten at the bottom, some of them being completely severed. The timber and planking are still in very good condition. I recommend that this work be done as soon as possible.

#### STREET PLAN.

Before the creation of a Planning Board this department had a study of the needs of the city, and from 1914 to 1923 inclusive 62.10 miles of streets were approved by the board of survey. Since the creation of the Planning Board I have waited for that body to take the initiative in this matter, and no streets have been approved by the board of survey during the last two years except as petitioned for by individuals.

This year 1,560 feet have been approved on petition, and 2,035 feet have been discontinued,—a net loss of 475 feet, making the total length of streets approved by the board of survey since its creation 351,067.20 feet or 66.49 miles.

The Massachusetts Federation of Planning Boards and the Massachusetts Department of Public Welfare propose to introduce a bill in the 1925 session of the legislature for the protection of mapped streets approved by boards of survey. This legislation is much needed and New Bedford should give this bill its hearty support.

In 1924 the city accepted only 0.207 miles of new streets, less than in any year since the establishment of the department in 1893 when 2.88 miles were accepted. The maximum length accepted in any one year was 11.98 miles in 1910. The average length accepted each year is 3.796 miles.

For many years it was the custom of the board of aldermen to act on the acceptance of streets from the plans alone, but more recently the board has made a practice of visiting the location of each street petitioned for before ordering the metes and bounds for the same.

The earlier method led to the acceptance of many streets for which there was no immediate public necessity and whose location could more properly have been established under the powers of the board of survey.

Many of these streets were in swampy and rough land, and their improvement, to even the extent of making them safe for passage, has been a burden to the city, and has prevented the more orderly development of streets immediately adjacent to built up districts.

It has also led to the wide distribution of building rather than to its concentration, thus delaying sewer and street accommodations, and greatly increasing their cost per house.

While all street acceptance cannot, of course, be refused it will be well to consider them carefully until such streets as are already accepted can be made safe and provided with proper drainage.

### NEW PARKS.

In 1923 permits were secured for the construction of a bulkhead across the head of Clarks Cove, from the east shore to a point in line with the middle of Crapo street. 530 feet of this was constructed that year at a cost of \$10,000. In 1924 \$5,339.14 was expended for rock to close the west end of the space enclosed, which can be used later in the extension of this work. At the present time this area has been nearly filled with ashes and rubbish and it will soon be necessary to continue the work or stop dumping.

The Popes Island Bulkhead was finished in 1921, and the dumping space there will probably be about filled during 1925. Already a section of this made land has been turned over to the park department and another section is now ready to be similarly cared for requiring only the removal of the temporary fence and some surfacing grading. The appearance of this park would be greatly improved by the removal of a long section of the bridge railing which is in poor condition and is no longer required for safety.

### BATHING BEACH.

Two pile and plank groins were built at the municipal bathing beach in the fall after the bathing season was over. The cost was \$2,650, and the object sought was the filling in of sand on the stony beach at that point. They are more or less experimental, but the almost immediate change of conditions indicates that they will accomplish the purpose for which they were built.

## STORM.

August 26, this city experienced one of the most severe storms ever recorded here. From 8 P. M. on the 25th to 4 P. M. on the 26th 5.52 inches of rain fell. This came in showers in two of which, lasting 15 minutes each, rain fell at the rate of 2 inches per hour. Fortunately, the heaviest showers occurred at the period of low tide, but our sewer system was taxed to the utmost, and the low sections of Water street and Acushnet avenue were flooded.

From 2 to 4 P. M. on the 26th there was a gale which averaged 60 miles per hour with gusts of much greater velocity. This uprooted hundreds of trees and did enormous damage.

## DARTMOUTH SEWERS.

Under the bill allowing the Town of Dartmouth to dispose of sewage through certain sewers of the city of New Bedford, the town has this year laid and connected 6,455 feet of sewers as follows:

Ashley street—Rogers to Cove road .....	764 ft.
Susan street—100 ft. north of Cove road to Kirby street..	427 ft.
Tripp street—230 ft. north of Cove to Bliss street.....	350 ft.
Kirby street—Tripp to Almy streets .....	407 ft.
Bolton street—Rogers street north 330 feet .....	363 ft.
Richards street—New Bedford line to 40 ft. east of Dartmouth street .....	894 ft.
Sheridan street—Rogers street to Cove road .....	805 ft.
Rogers street—Buttonwood to Sheridan streets .....	1365 ft.
Bliss street—New Bedford line to Dartmouth street ....	1080 ft.
	<hr/>
	6455 ft.

These sewers were laid by contract and the plans and work inspected by this department.

The following is a list of the employees of this department during 1924:

Assistant engineers:

Leonard J. Hathaway, Jr.  
Ira M. Chace, Jr.

Field force:

Milton Ashley  
Robert S. Baylies  
Henry R. Cole\*  
Edward J. McDonald\*  
Milton H. Dean  
Elmer L. Deane  
Fred H. Hewitt  
James S. McQuade  
Edward F. Mulally  
Charles R. Phillips\*  
Raymond L. Viereck  
Wilfred T. Fahey

Office force:

Norman Barstow  
Percy Batchelder  
Paul G. Covill  
Benjamin F. Howe  
Edward M. Slocum

Clerks:

Jessie Loughlin  
Catherine C. Sylvia

\*Employed part of the year.

Respectfully submitted,

GEORGE H. NYE,  
City Engineer.



# ACCEPTED STREETS 1924

STREET	LOCATION	DATE	Length and Width in Feet	
Brightman Ct.	Belleville Rd. northerly	June 27	30	50
Oliver	Lynn to 150 ft. n. of Holyoke	April 25	201.38	890.98
	Total		201.38	890.98

Total Increase for Year, 1092.36 ft.=0.207 miles.

## WIDENING AND ALTERATION OF LINES

STREET	LOCATION	DATE	DESCRIPTION
Acushnet Ave.	N. E. cor. Duncan	Sept. 12	Corner cut off
Acushnet Ave.	N. E. cor. Hadley	Sept. 12	Corner cut off
Acushnet Ave.	N. E. cor. Ingraham	Sept. 12	Corner cut off
Cove Road	S. W. cor. Rodney French Blvd.	Sept. 12	Corner cut off
Cove Road	N. W. cor. Rodney French Blvd.	Sept. 12	Corner cut off
Irrington	Ashley Blvd. westerly	March 28	Widened on north side
Parker	Liberty to Rockdale Ave.	Sept. 12	Widened 10 ft. south side
Pleasant	Spring St. southerly	Jan. 11	Widened 9 ft. west side
Spring	Pleasant to Sixth	Jan. 11	Widened 10 ft. south side
Union	Sixth to Seventh	Feb. 15	Widened 14 ft. south side
Union	County to Orchard	June 27	Widened 14 ft. south side

# WIDENING DISCONTINUED

STREET	LOCATION	DATE	DESCRIPTION
Irvington	Ashley Blvd. westerly	June 27	Widening on north side

# CHANGE OF GRADE

STREET	LOCATION	DATE	
Alfred	Brooklawn to Wood	June 27	
Carney	Maxfield to Smith	June 27	
Clifford	Brook St. easterly 340 ft.	Jan. 11	
Flagg	Maxfield to Smith	June 27	
Grape	Rockdale Ave. easterly 287 ft.	June 27	
Lindsey	Maxfield to Smith	June 27	
Roy	Brooklawn to Wood	June 27	
Shaw	Brook to Church	June 27	
Smith	Liberty to Hunter	June 27	

## RECORD OF TIDES, 1924.

Month	HIGH TIDES			LOW TIDES			RANGE
	Average	Maximum	Minimum	Average	Maximum	Minimum	Average
January	+ .000	+2.7	-1.7	-4.034	-2.7	-5.9	
February	+ .357	+2.1	-1.6	-3.639	-2.2	-4.8	4.034
March	+ .543	+1.8	-0.7	-3.325	-1.8	-4.4	3.282
April	+ .391	+2.1	-0.6	-3.538	-2.6	-4.6	2.782
May	+ .538	+2.2	-0.6	-3.820	-2.2	-4.4	3.147
June	+ .503	+2.0	-0.4	-3.483	-2.8	-4.2	3.282
July	+ .466	+2.1	-0.5	-3.377	-2.1	-4.0	2.980
August	+ .335	+1.6	-0.9	-3.380	-2.4	-4.8	2.911
September	+ .443	+3.2	-0.7	-3.526	-2.6	-4.7	3.045
October	+ .578	+2.0	-0.7	-3.468	-2.6	-4.2	3.083
November	+ .501	+1.9	-1.3	-3.549	-2.4	-4.9	2.890
December	+ .133	+1.7	-1.7	-3.898	-2.8	-5.1	3.048
							3.765
Average for year	+ .399			3.586			3.187
Extreme for year		+3.2	-1.7		-1.8	-5.9	

All figures above refer to so called "Mean High Water" which is used at 0.85 feet below City Datum.

Observations for the past 27 years indicate that:

Average high water is .804 below City Datum.

Average low water is 4.418 below City Datum.

Average range of tide is 3.614.

from Observations by Engineering Department.

[illegible]

CITY OF NEW BEDFORD.

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IN BOARD OF ALDERMEN,

February 12, 1925.

Received, ordered printed in the City Documents and  
sent down for concurrence.

RODOLPHUS A. SWAN,  
City Clerk.

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IN COMMON COUNCIL,

February 12, 1925.

Concurred.

RUTH G. HILTON,  
Clerk.



# RAINFALL IN NEW BEDFORD 1924

ACUSHNET STORING STATION OF N.B. WATER WORKS A TOTAL FOR YEAR 39.64

L.J.HATHAWAY JR. AT CLIFFORD POST OFFICE    M TOTAL FOR YEAR 41.37

ENGINEERING DEPT. AT CENTER OF CITY E TOTAL FOR YEAR 37.98

PUMPING STATION AT QUITTACUS POND      Q TOTAL FOR YEAR 40.38

[illegible]



THE UNIVERSITY OF CHICAGO  
E. C. HARTMAN

Date		Description		Amount	
1911	10	Jan 1	Balance	100.00	
1911	11	Jan 2	Jan 2	100.00	
1911	12	Jan 3	Jan 3	100.00	
1911	13	Jan 4	Jan 4	100.00	
1911	14	Jan 5	Jan 5	100.00	
1911	15	Jan 6	Jan 6	100.00	
1911	16	Jan 7	Jan 7	100.00	
1911	17	Jan 8	Jan 8	100.00	
1911	18	Jan 9	Jan 9	100.00	
1911	19	Jan 10	Jan 10	100.00	
1911	20	Jan 11	Jan 11	100.00	
1911	21	Jan 12	Jan 12	100.00	
1911	22	Jan 13	Jan 13	100.00	
1911	23	Jan 14	Jan 14	100.00	
1911	24	Jan 15	Jan 15	100.00	
1911	25	Jan 16	Jan 16	100.00	
1911	26	Jan 17	Jan 17	100.00	
1911	27	Jan 18	Jan 18	100.00	
1911	28	Jan 19	Jan 19	100.00	
1911	29	Jan 20	Jan 20	100.00	
1911	30	Jan 21	Jan 21	100.00	
1911	31	Jan 22	Jan 22	100.00	
1911	32	Jan 23	Jan 23	100.00	
1911	33	Jan 24	Jan 24	100.00	
1911	34	Jan 25	Jan 25	100.00	
1911	35	Jan 26	Jan 26	100.00	
1911	36	Jan 27	Jan 27	100.00	
1911	37	Jan 28	Jan 28	100.00	
1911	38	Jan 29	Jan 29	100.00	
1911	39	Jan 30	Jan 30	100.00	
1911	40	Jan 31	Jan 31	100.00	
1911	41	Feb 1	Feb 1	100.00	
1911	42	Feb 2	Feb 2	100.00	
1911	43	Feb 3	Feb 3	100.00	
1911	44	Feb 4	Feb 4	100.00	
1911	45	Feb 5	Feb 5	100.00	
1911	46	Feb 6	Feb 6	100.00	
1911	47	Feb 7	Feb 7	100.00	
1911	48	Feb 8	Feb 8	100.00	
1911	49	Feb 9	Feb 9	100.00	
1911	50	Feb 10	Feb 10	100.00	
1911	51	Feb 11	Feb 11	100.00	
1911	52	Feb 12	Feb 12	100.00	
1911	53	Feb 13	Feb 13	100.00	
1911	54	Feb 14	Feb 14	100.00	
1911	55	Feb 15	Feb 15	100.00	
1911	56	Feb 16	Feb 16	100.00	
1911	57	Feb 17	Feb 17	100.00	
1911	58	Feb 18	Feb 18	100.00	
1911	59	Feb 19	Feb 19	100.00	
1911	60	Feb 20	Feb 20	100.00	
1911	61	Feb 21	Feb 21	100.00	
1911	62	Feb 22	Feb 22	100.00	
1911	63	Feb 23	Feb 23	100.00	
1911	64	Feb 24	Feb 24	100.00	
1911	65	Feb 25	Feb 25	100.00	
1911	66	Feb 26	Feb 26	100.00	
1911	67	Feb 27	Feb 27	100.00	
1911	68	Feb 28	Feb 28	100.00	
1911	69	Feb 29	Feb 29	100.00	
1911	70	Mar 1	Mar 1	100.00	
1911	71	Mar 2	Mar 2	100.00	
1911	72	Mar 3	Mar 3	100.00	
1911	73	Mar 4	Mar 4	100.00	
1911	74	Mar 5	Mar 5	100.00	
1911	75	Mar 6	Mar 6	100.00	
1911	76	Mar 7	Mar 7	100.00	
1911	77	Mar 8	Mar 8	100.00	
1911	78	Mar 9	Mar 9	100.00	
1911	79	Mar 10	Mar 10	100.00	
1911	80	Mar 11	Mar 11	100.00	
1911	81	Mar 12	Mar 12	100.00	
1911	82	Mar 13	Mar 13	100.00	
1911	83	Mar 14	Mar 14	100.00	
1911	84	Mar 15	Mar 15	100.00	
1911	85	Mar 16	Mar 16	100.00	
1911	86	Mar 17	Mar 17	100.00	
1911	87	Mar 18	Mar 18	100.00	
1911	88	Mar 19	Mar 19	100.00	
1911	89	Mar 20	Mar 20	100.00	
1911	90	Mar 21	Mar 21	100.00	
1911	91	Mar 22	Mar 22	100.00	
1911	92	Mar 23	Mar 23	100.00	
1911	93	Mar 24	Mar 24	100.00	
1911	94	Mar 25	Mar 25	100.00	
1911	95	Mar 26	Mar 26	100.00	
1911	96	Mar 27	Mar 27	100.00	
1911	97	Mar 28	Mar 28	100.00	
1911	98	Mar 29	Mar 29	100.00	
1911	99	Mar 30	Mar 30	100.00	
1911	100	Mar 31	Mar 31	100.00	

# CITY OF NEW BEDFORD DETAILS OF SEWERS CONSTRUCTED 1924 COMPILED BY ENGINEERING DEPT.

STREET	LOCATION	SIZE AND MATERIAL														CHARACTER OF EXCAVATION	METHODS	COST OF LABOR	COST OF MATERIAL	TOTAL COST OF SEWER	DATE ORDERED	REMARKS						
		VITRIFIED PIPE								CONCRETE																		
COMBINED SYSTEM		6"	8"	10"	12"	15"	18"	20"	24"	12" C.I. PIPE	15" C.I. PIPE	18" C.I. PIPE	24" C.I. PIPE	30" C.I. PIPE	36" C.I. PIPE	42" C.I. PIPE	Total Length	Greatest Depth	Average Depth	Cubic Yards Excavation	Total Cu Yds. Excavation							
ARNOLD	Armour to Reed			174	384	350											908	641	6.01	603	Gravel	6	\$ 22,327.8	246	\$ 143,896	\$ 367,174	4-04	9-12-1924
DAVID	Outlet extended				12					36							48						372.70	7.76	302.61	67,531	1407	8-1-1924
DAVIS	Church W. 100'		146														146	832	7.37	122	Sand, gravel		46,562	3.19	74.34	53,996	3.70	10-10-1924
FAIRMOUNT	Jenny Lind E. 250'		283														283	862	8.17	255	Gravel, stones	1	85,600	3.00	204.79	106,079	3.72	3-28-1924
GLENNON	Brook E. 400'			430													430	899	7.45	356	Sandy gravel	1	12,926	3.01	560.06	185,272	4.31	5-9-1924
MOSS	Butler S. 340'			340													340	846	7.65	289	Loam, gravel	2	13,098.1	3.28	514.89	182,470	5.37	12-28-1923
NASH RD.	Purchase to Mt. Pleasant		324	484	172												990	600	5.75	527	Loam, gravel	3	19,081.8	1.93	656.35	256,453	2.59	12-28-1923
PLYMOUTH	Rockdale W. 302'				363												363	1141	10.05	428	Gravel, boulders	1	23,550.7	6.15	654.46	300,953	7.86	3-9-1924
RYAN	E. line Rockdale W. 60'				60												60	945	3.26	62	Gravel		22,446	3.74	61.60	286,066	4.77	6-27-1924
SMITH	Flagg to Lindsey				248	144											392	853	7.56	329	Clay, fill	1	13,217.3	3.37	519.09	184,082	4.70	4-11-1924
STETSON	99' N of Bedford N. 235'			235													235	604	5.81	137	Gravel, boulders	1	71,059	2.79	163.45	87,444	3.45	5-9-1924
SUMMIT	Maxfield S. 227'		227														227	815	7.90	199	Sandy gravel	1	72,621	3.20	195.36	92,157	4.06	3-28-1924
SYCAMORE	Liberty E. 216'		248														248	800	6.90	196	Gravel, clay	1	51,180	2.06	161.37	67,317	2.71	11-8-1923
Combined System Totals		1230	693	568	1041	144				36							4712			3503		16	142,880	3,507.33	1,979,534			
SEPARATE SYSTEM																												
SURFACE DRAINS ALONE																												
ACUSHNET AV.	Peckham to Ivers			300	68												1018	325	3.64	275	Gravel, clay	4	99,331	0.98	832.92	182,883	1.80	4-1-1924
BOWLE S.	Acushnet Av. W. 303'			303													303	338	4.86	128	Gravel, muck	1	48,974	1.61	258.76	74,850	2.47	11-23-1923
TARKILN HILL RD.	Pine Grove to Ashley Boul.		46	46	621	378											1091	689	5.87	892	Back fill	2	136,576	1.25	1516.41	286,217	2.64	9-24-1924
SEWERS AND SURFACE DRAINS																												
ACUSHNET AV.	Joyce to Bowles	S		241	365												606			629	Clay, gravel	2	2853.15	4.71	3113.80	596,695	9.84	9-12-1924
ASHLEY BOUL.	Irvington N. 1320'	S	372	948													1520			1252	Fill, loam	4	39,729.2	3.01	202,784	6,000.76	4.55	5-23-1924
DEL'AIR	Acushnet Av. W. 110'	S		150													150			122	Clay, gravel		441.95	2.94	171.30	613,45	4.09	9-12-1924
BLISS	Bolton to Dartmouth Line	S			224												224			216	Clay, gravel		11,933.7	3.35	36,116	156,353	6.98	9-12-1924
BRANSCOMB	W. line Orleans E. 256'	S		256													256			233	Clay, gravel	1	79,469	3.10	481.85	127,654	4.99	8-1-1924
CHURCH PARK AV.	S. of Brooklawn N. and W. 1534'	S						270									270						99,342.5		11103.11	210,393.6		7-18-1924
HAWTHORN	50' W of Rockdale W. 704'	S					572	338									572			1715	Wet gravel	3	162,896.7	2.48	282,413	1,911,380	3.49	10-26-1923
LAMPHREY	Belleville Av. W. 243'	S	281														281			171	Loam, clay	1	156,001	3.35	640.32	2,200.33	7.83	11-23-1923
KINGS	262 S. of Central Av. N. 233'	S	233														233			150	Gravel	1	561,229	2.41	289.24	850,53	3.65	10-10-1924
MAYWOOD	Carlisle N. 382'	S		422		422											422			325	Clay, gravel	1	299,069	7.09	608.85	359,954	8.53	11-24-1923
ROCKDALE AV.	Schofield to 92' S. of Allen	S		335	190												335			1410	Gravel, ledge	4	99,889.1	1.23	1279.63	1,126,854	1.73	9-28-1923
ROY	Wood S. 450'	S	300	147													447			314	Boulders, gravel	1	141,347	3.16	574.50	198,797	4.45	4-11-1924
SHAW	Church E. 558'	S	131	442													593			503	Fill	2	162,690	2.74	700.13	232,703	3.92	5-23-1924
TACOMA	Acushnet Av. to Ashley Boul.	S		430													430			409	Gravel, clay	1	111,939	2.60	472.65	159,264	3.70	3-28-1924
TARKILN HILL SYSTEM	Mill Rd. Mazeppa St. etc.	S	648	380	341	1360	118	297	303								3617			5740	Ledge, gravel	15	368,239		3144.44	682,644.3		5-23-1924
WINTERVILLE RD.	726' W of Rockdale W. 432'	S		618	311												432			446	Gravel	2	21,958.8	5.08	729.26	29,251.4	6.77	5-9-1924
Separate System Totals		648	252	7817	3756	2029	1424	303	790	270	102	210	244	230	37	729	20,645			4791		30	366	178.4	5,432.50	156,050.04		
GRAND TOTALS		648	3746	9530	4294	3070	1568	303	598	36	270	102	210	244	230	73	729	25,661	4791	181,939	48	119,053.51	6,493.83	17,584.98				

Length added to sewer system 2566ft=4.80miles.

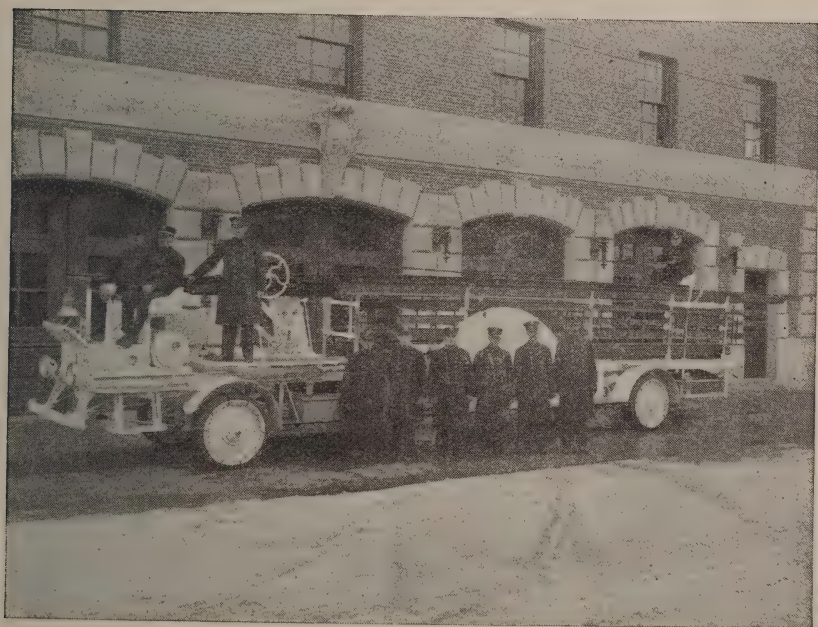
Total Length sewer system 172.91miles.

Total Cost sewer system \$4,710,121.48





**ANNUAL REPORT**  
**OF THE**  
**CHIEF**  
**OF THE**  
**FIRE DEPARTMENT**



**FOR THE YEAR ENDING DECEMBER 31, 1924**

**EDWARD F. DAHILL, Chief of Department**

EXECUTIVE HEAD OF THE FIRE DEPARTMENT,

Hon. Walter H. B. Remington, Mayor.

COMMITTEE OF THE CITY COUNCIL

ON

FIRE DEPARTMENT

ALDERMEN,

OSCAR D. KELLEHER,

GEORGE A. BLAKE,

COUNCILMEN,

ALEXANDER DONAGHY,

EDWARD F. DELANEY,

JOHN T. WILKINSON.

CHIEF OF DEPARTMENT,

EDWARD F. DAHILL,

Office, Station No. 2,

DEPUTY CHIEF,

JAMES J. DONAGHY,

Headquarters, Station No. 2.

FIRST DISTRICT CHIEF,

JOHN W. DONAGHY,

Headquarters, Station No. 10,

SECOND DISTRICT CHIEF,

FREDERICK E. RICKETSON,

Headquarters, Station No. 2

THIRD DISTRICT CHIEF,

AMBROSE F. MERCHANT

Headquarters, Station No. 4,

DRILL MASTER

CAPT. JOHN J. MAHON,

Headquarters, Station No. 10.

CLERK,

FRANCIS T. MACEDO,

CHIEF INSPECTOR

CAPT. FREDERICK G. GIFFORD,

CHAUFFEURS,

FRANCIS J. KENNEDY

JOHN HUBBARD

## CAPTAINS IN CHARGE OF STATIONS.

REPAIR SHOP, STATION NO. ONE,  
JAMES H. DOWNEY, Master Mechanic,  
Appointed December 31, 1919.

HEADQUARTERS, STATION NUMBER TWO  
ROBERT E. ALLEN, Assistant Superintendent,  
Appointed June 9, 1918.

STATION NUMBER TWO,  
WILLIAM N. WHELAN,  
Appointed July 8, 1924.

STATION NUMBER THREE,  
JAMES H. MAHONEY,  
Appointed December 31, 1914.

STATION NUMBER FOUR,  
HARRY H. KIMBALL,  
Appointed February 2, 1920.

STATION NUMBER FIVE,  
JAMES L. HASKINS,  
Appointed July 8, 1924.

STATION NUMBER SIX,  
FRANK A. LEWIS,  
Appointed January 7, 1917.

STATION NUMBER SEVEN,  
EDWARD H. COGGESHALL,  
Appointed April 26, 1910.

STATION NUMBER EIGHT,  
EDWARD A. POLLOCK,  
Appointed March 21, 1923.

STATION NUMBER NINE,  
REUBEN TABER,  
Appointed November 25, 1917.

STATION NUMBER TEN,  
FRANK J. NICKLAS,  
Appointed February 19, 1924.

STATION NUMBER ELEVEN,  
WILLIAM S. GATENBY,  
Appointed November 26, 1922.



ASSISTANT SUPERINTENDENT FIRE ALARM.

CAPT. ROBERT E. ALLEN,

Appointed March 26, 1913.

FIRE ALARM AND TELEPHONE OPERATORS,

LIEUT. JAMES T. WING,

Appointed December 31, 1914,

LIEUT. WILLIAM D. FLAGG,

Appointed December 31, 1919.

LIEUT. THOMAS R. F. WHOLLEY,

Appointed June 15, 1924.

MILTON A. BAYLIES,

Appointed Nov. 21, 1921.

ELMER H. JAMES

Appointed March 12, 1922.

DEPARTMENT MECHANICS,

GEORGE H. BAYLIES

Appointed March 13, 1910.

PHILIP J. PREVOST,

Appointed December 31, 1919.

BATTERY MAN,

RAIMUND F. O'BRIEN

Appointed December 3, 1920.

DEPARTMENT LINEMAN,

THOMAS J. McCANN,

Appointed June 21, 1922.

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PENSION ROLL.

CHARLES W. ALLEN, driver of Hose No. 3, joined the department April 25, 1892, placed on pension roll August 16, 1917.

EDWARD F. A. COWEN, hoseman Engine Co. No. 1, joined the department October 31, 1882, placed on pension roll Sept. 2, 1917.

JOHN H. BACKUS, department mechanic, joined the department June 9, 1894, placed on pension roll October 19, 1919.

DAVID A. COBB, seriously injured May 27, 1915.

WILLIAM H. YOUNG, hoseman Hose Co. No. 5, joined the department Dec. 31, 1888 placed on pension roll Dec. 18, 1922.

GEORGE H. COOK, captain of Hose Co. No. 2, joined the department March 5, 1884, placed on pension roll Jan. 1, 1923.

FRANK A. C. GREENE, Captain Hose Co. No. 4, joined the department Oct. 31, 1882, placed on pension roll Mar. 11, 1923.

ISAAC R. ALLEN, Tillerman Truck Co. No. 1, joined the department Feb. 13, 1895, placed on pension roll March 17, 1922.

# REPORT

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December 31, 1924.

*Hon. Walter H. B. Remington, Mayor.*

Dear Sir:—

I have the honor to submit, herewith, my twenty-first annual report, covering the operations of this department for the year 1924.

The department answered 285 Box alarms and 568 Still or Telephone alarms, a total of 853 calls during the year.

During the month of March three disastrous fires occurred:

March 14th, New Bedford Anti-Tuberculosis Sanatorium, loss	\$ 28,227.97
March 21st, New Bedford Vocational School, loss	11,454.00
March 30th, Wamsutta Mills, loss	742,419.00
These three fires together with fire of June 30th, New Bedford, Martha's Vineyard and Nantucket Steamboat Co., loss	\$316,815.00

make our total losses for the year 1924 the largest annual fire loss in the history of the city.

The Fire Alarm System is in excellent condition. During the year we have placed red lights on all fire alarm box pedestals and have added twenty fire alarm boxes and installed 12,000 feet of lead encased cable underground. We have also made several installations of auxilliarized fire alarm boxes connected directly to the automatic sprinkler systems and these are giving satisfactory service.

A substantial addition to our Repair Shop has been built during the year and we now have a well lighted and commodious repair shop.

We have built in our Repair Shop, during the year, the first foamite chemical engine to be placed in service in New England. This machine will prove invaluable for oil fires, and will be useful for other fires as well.

We have also added to our equipment a combination chemical and city service truck, built by the Ahrens-Fox Fire Engine Co. of Cincinnati, Ohio, and placed in service at Station No. 3.

#### APPARATUS IN COMMISSION.

- 8 Motor Pumping Engines.
- 4 Electrical Aerial Trucks.
- 1 City Service Truck.
- 3 Combination Chemical and Hose Carriers.
- 1 Foamite Chemical.
- 5 Automobiles for Chief and Assistants
- 1 Automobile for Fire Prevention Bureau.
- 2 Supply Trucks for Repair Force.
- 1 Supply Truck for Fire Alarm Branch.

#### APPARATUS IN RESERVE.

- 1 Motor Combination Pumping Engine.
- 1 Motor Combination Chemical and Hose Carrier.
- 3 Steam Fire Engines equipped with short towing poles.

#### MANUAL FORCE.

Consists of 221 permanent men.

## DEATHS.

Frederick E. Mosher, Chauffeur, Hose Co. No. 4; joined the department Dec. 9, 1894, died Feb. 23, 1924 while operating chemical tank at fire at No. 9 Salisbury St.

N. Herbert Greene, Hoseman, Engine Co. No. 4; joined the department Oct. 31, 1882; placed on pension roll Nov. 4, 1917; died May 19, 1924.

Clarence W. Hathaway, Chauffeur, Engine Co. No. 4; joined the department Feb. 2, 1920; died Oct. 2, 1924.

## FATALITIES.

John F. Hines suffocated so badly by smoke of fire at 1028 Pleasant St., Nov. 26, 1924, that he died at St. Luke's Hospital shortly after arriving there.

## RECOMMENDATIONS.

I respectfully renew the recommendations made by me in 1921, 1922 and 1923, that sites for two new fire stations be secured in the north part of the city.

At least 15 new fire alarm boxes should be added to our system. Also two generator sets.

We need two additional men in our signal room at headquarters.

A larger heating boiler is needed at the Repair Shop, together with extensive repairs to the old part of the building. Lathes and other necessary machines for Repair Shop should be purchased.

Also 2000' of hose.

Respectfully submitted,

EDWARD F. DAHILL,

Chief of Department.

EFD/FTM

## FINANCIAL STATEMENT.

## Dr.

Appropriations for 1924 .....	\$485,000.00	
Transfer .....	2,000.00	
Receipts .....	573.83	
		<hr/> \$487,573.83

## Cr.

Salaries and payrolls .....	\$430,082.66	
Supplies and furnishings .....	4,918.86	
Apparatus repairs .....	5,093.05	
Station repairs .....	2,678.87	
Fire alarm .....	13,414.23	
Telephones .....	778.02	
Fuel .....	8,683.00	
Light .....	2,874.76	
Hose and couplings .....	1,628.18	
Truck charging .....	488.20	
Hospital fees .....	14.00	
Freight, carting and express .....	136.71	
Medical fees .....	776.85	
Committee expenses .....	25.00	
New apparatus .....	10,973.50	
Miscellaneous .....	712.08	
Transfer .....	4,295.86	
		<hr/> \$487,573.83

# FIRE DEPARTMENT

9 k

## REPORT OF ALARMS, LOSSES AND INSURANCE FOR THE YEAR 1924.

Month	—Alarms—		—Damage—		—Insurance—	
	Box	Still	Buildings	Contents	Buildings	Contents
January	20	46	\$ 3,991.86	\$ 16,110.45	\$ 111,550.00	\$ 4,720,100.00
February	25	33	6,600.75	3,763.50	275,500.00	4,032,100.00
March	36	33	256,602.00	547,980.97	168,300.00	13,738,300.00
April	31	61	5,276.59	6,435.30	236,200.00	243,500.00
May	14	36	2,285.25	11,674.62	69,150.00	5,415,422.00
June	21	31	320,905.00	9,818.37	110,000.00	431,100.00
July	33	92	9,858.50	10,992.00	122,400.00	62,300.00
August	14	38	2,925.35	697.00	29,600.00	1,600.00
September	17	23	5,116.91	3,598.43	95,900.00	22,375.00
October	20	63	3,058.70	1,740.00	111,000.00	309,200.00
November	32	61	8,816.72	4,309.32	207,689.00	11,200.00
December	22	51	31,436.80	18,373.19	231,518.00	70,200.00
	285	568	\$656,874.43	\$635,493.15	\$1,768,807.00	\$29,057,397.00

Above contents insurance reported includes blanket policies covering buildings and contents to the amount of \$28,698,600.00

Total reported loss .....\$ 1,292,367.58  
 Total reported insurance .....\$30,826,204.00

### NO SIGNAL FIRES

Number of fires reported .....19  
 Damage to buildings .....\$ 566.38  
 Damage to contents ..... 1,247.52  
 Total reported damage .....\$ 1,813.90  
 Insurance on buildings .....\$18,000.00  
 Insurance on contents .....\$28,700.00  
 Total reported insurance .....\$46,700.00



## CAUSES FOR FIRES AND ALARMS

Acetylene torch .....	4
Ammonia leak .....	3
Back draft .....	12
Back-fire .....	7
Bonfire .....	3
Burning brush .....	116
Burning dump .....	11
Burning food .....	5
Burning grass .....	28
Burning grease .....	18
Burning rubbish .....	49
Burning soot .....	47
Candle accident .....	1
Careless use of candle .....	2
Carelessness with gas .....	10
Careless use of petroleum .....	4
Careless smoker .....	18
Child and match .....	34
Cigarette .....	43
Defective brooder .....	2
Defective chimney .....	10
Defective gas heater .....	1
Defective oil burner .....	1
Defective oil stove .....	1
Defective oven .....	1
Defective plumbers' torch .....	2
Defective wiring .....	3
Drying plaster .....	4
Drying wood in oven .....	1
Electricity .....	3
Electric flat iron .....	4
Error in alarm .....	1
Exposure fires .....	12
False alarms .....	27
Faulty carburetor .....	2
Faulty ignition .....	1
Faulty insulation .....	3
Fireworks .....	16
Flashlight smoke mistaken for fire .....	1
Gasoline carelessness .....	11
Hot ashes in contact with wood .....	20
Incendiary .....	5
Lamp carelessness .....	1
Locomotive sparks .....	19
Match carelessness .....	15
Needless alarm .....	1
No fire found .....	24
Oil stove carelessness .....	2
Overheated bearing .....	1
Overheated boiler .....	1
Overheated chimney .....	3

## FIRE DEPARTMENT

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Overheated engine .....	2
Overheated flatiron .....	2
Overheated furnace .....	6
Overheated gas stove .....	1
Overheated hot water heater .....	3
Overheated mule head .....	1
Overheated steam pipe .....	2
Overheated stove .....	12
Overheated stovepipe .....	11
Rats and matches .....	1
Reflection of fire at a distance .....	1
Remaining embers .....	11
Short circuit .....	29
Spark from chimney .....	15
Spark from fireplace .....	6
Spark from furnace .....	2
Spark from road roller .....	1
Spark from steam shovel .....	3
Spark on roof .....	11
Sprinkler trouble .....	14
Spontaneous combustion .....	19
Steam mistaken for smoke .....	3
Tar kettle afire .....	5
Thawing water pipe .....	6
Unknown .....	56
Unusual smoke .....	12
Water on hot paraffin .....	1
Out of city: Acushnet .....	3
Dartmouth .....	2
Fairhaven .....	1

## ENGINE COMPANY No. 1.

Date of Joining Dept.	No. of badge	Name	Rank
April 24, 1893	10	James L. Haskins	Captain
Dec. 15, 1912	8	Michael J. Melia	Lieutenant
Aug. 3, 1903	15	George H. Denham	Chauffeur
Nov. 25, 1917	6	Ernest Lord	"
Dec. 15, 1912	7	George T. Davis	Hoseman
Sept. 2, 1917	13	Thomas F. McCauley	"
Dec. 1, 1917	14	Joseph Francis	"
Jan. 1, 1923	12	James F. Cairns	"
May 2, 1918	11	Alfred J. Normandin	"
June 30, 1918	16	William F. Mannion	"
Feb. 2, 1920	4	Joseph A. McAvoy	"
Feb. 2, 1920	9	Albert L. Audette	"

## ENGINE COMPANY No. 2.

Date of Joining Dept.	No. of badge	Name	Rank
Nov. 1, 1910	21	John H. McDonald	Captain
Oct. 14, 1915	22	Percy Shepherd	Lieutenant
Mar. 10, 1884	23	Benj. C. Groves	Chauffeur
Nov. 25, 1917	25	Ephraim L. Studley	"
Dec. 7, 1917	29	William P. Robert	Hoseman
June 2, 1918	24	Edmund Roberts, Jr.	"
Feb. 2, 1920	17	George F. Gleason	"
Nov. 27, 1917	26	John K. Dwyer	"
Feb. 2, 1920	20	Daniel J. Tarpey	"
Nov. 23, 1920	27	Joseph Robinson	"
May 1, 1921	19	William Clarkson	"
May 1, 1921	28	Herbert H. Stone	"

## FIRE DEPARTMENT

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## ENGINE COMPANY No. 3.

Date of Joining Dept.	No of badge	Name	Rank
May 1, 1896	31	James H. Mahoney	Captain
Nov. 21, 1913	32	Charles J. Calnan	Lieutenant
April 28, 1892	33	William R. Moore	Chauffeur
Nov. 25, 1917	34	Douglas E. Gay	"
July 11, 1904	37	Frank R. Riley	Hoseman
May 12, 1909	38	Thomas F. Breakell	"
Feb. 2, 1920	40	Benoni T. Sweet	"
Feb. 2, 1920	39	Louis E. Blossom	"
Jan. 1, 1895	36	Edward C. Neagus, Jr.	"
Feb. 11, 1908	35	John Sylvia	"
Feb. 2, 1920	41	George H. Spooner	"
Dec. 18, 1894	42	John T. Conway	"

## ENGINE COMPANY No. 4.

Date of Joining Dept.	No. of badge	Name	Rank
April 11, 1905	44	Harry H. Kimball	Captain
Dec. 30, 1895	51	John E. Joseph	Lieutenant
Nov. 25, 1917	59	Manuel M. Alves, Jr.	Chauffeur
Sept. 8, 1920	52	John J. O'Brien	"
May 28, 1894	45	Louis A. Viereck	Hoseman
Oct. 19, 1908	57	Edward F. Wood	"
Feb. 2, 1920	47	Philias J. Chartier	"
Oct. 7, 1913	43	Joseph E. Freitas	"
Aug. 13, 1922	46	Joseph A. Walker	"
Dec. 9, 1917	55	Thomas McCue	"
Sept. 7, 1917	54	Frank E. Souza	"
Mar. 23, 1923	48	Joseph C. Vincent	"
Feb. 2, 1920	49	James V. Brennan	"
Oct. 12, 1924	56	Edward Dupuis	"

## ENGINE COMPANY No. 6

Date of Joining Dept.	No. of badge	Name	Rank
Nov. 14, 1894	138	Frank A. Lewis	Captain
May. 1, 1911	131	John E. McDonald	Lieutenant
Oct. 26, 1903	136	Frank H. Vincent	Chauffeur
Sept. 11, 1906	134	Henry L. Burding	"
Jan. 1, 1895	124	George H. Whelan	Hoseman
Oct. 19, 1908	132	John McQuilken, Jr.	"
Nov. 1, 1910	123	Thomas Wooley, Jr.	"
Aug. 1, 1917	125	Daniel O'Neil	"
Feb. 2, 1920	126	Anthony V. Gracia	"
Feb. 2, 1920	128	Joseph Campos	"
Feb. 2, 1920	129	Lawrence F. Cocking	"
Feb. 2, 1920	127	Philip Kilbride	"

## ENGINE COMPANY No. 7.

Date of Joining Dept.	No. of badge	Name	Rank
Sept. 1, 1890	205	Edward H. Coggeshall	Captain
Dec. 1, 1917	215	John C. Wing	Lieutenant
Mar. 12, 1891	212	Joseph L. Crowley	Chauffeur
Jan. 27, 1918	211	William J. Martin	"
Jan. 12, 1892	201	George W. Haskins	Hoseman
Dec. 13, 1898	202	John H. Galligan	"
Apr. 19, 1922	195	John A. Spaulding	"
Feb. 2, 1920	198	Michael F. Sullivan	"
Mar. 1, 1901	199	Henry Leeming	"
Sept. 1, 1890	200	William H. H. S. King	"
Feb. 2, 1920	204	Joseph P. Foley	"
Feb. 2, 1920	207	Henry F. Pykosz	"

## FIRE DEPARTMENT

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## ENGINE COMPANY No. 9.

Date of Joining Dept	No. of badge	Name	Rank
Dec. 13, 1888	146	Reuben Taber	Captain
Sept. 6, 1917	148	Joseph Rumney	Lieutenant
June 1, 1907	150	Horace A. Bird	Chaufeur
Sept. 30, 1917	157	Manuel C. Claudino	"
Dec. 6, 1886	145	John F. Parker	Hoseman
Nov. 25, 1917	149	Walter H. Hawes	"
Dec. 13, 1917	159	William A. Nelson	"
Dec. 1, 1917	153	Stephen F. Miller	"
Feb. 2, 1920	152	Louis J. R. Comeau	"
Feb. 2, 1920	155	Arthur J. Gallant	"
Feb. 2, 1920	151	Gilbert Green	"
Feb. 2, 1920	154	John Murphy	"

## ENGINE COMPANY No. 10.

Date of Joining Dept.	No. of badge	Name	Rank
May 9, 1905	240	Edward J. Bly	Captain
Oct. 19, 1908	242	William F. McDonald	Lieutenant
Dec. 2, 1917	246	Alexander Strack	Chaufeur
Nov. 27, 1917	248	Henry Hesford, Jr.	"
Nov. 23, 1913	249	Thomas J. Summers	Hoseman
July 17, 1918	243	William H. Green	"
Feb. 2, 1920	241	James W. Coyne	"
Feb. 2, 1920	244	Thomas A. Bond	"
Feb. 2, 1920	251	Edgar J. Ross	"
Feb. 2, 1920	252	Albert J. Abrain	"
Feb. 2, 1920	254	George D. Daudelin	"
Feb. 2, 1920	247	Arthur E. Dudevoir	"
Sept. 24, 1922	245	Albert Schoene	"
Oct. 7, 1923	250	John B. Jennings	"



## HOSE COMPANY No. 1

Date of Joining Dept.	No. of badge	Name	Rank
Mar. 10, 1908	85	Miles L. Fay	Captain
Nov. 25, 1917	83	Albert P. Bochman	Lieutenant
Nov. 30, 1919	80	Peter J. Cournoyer	Chauffeur
Feb. 2, 1920	86	Louis A. Cotnoir	"
May 1, 1921	88	Arthur W. Raymond	Hoseman
Nov. 25, 1917	81	Manuel G. Marshall, Jr.	"
Feb. 2, 1920	82	William E. Blanchard	"
Feb. 2, 1920	87	Frederick Wignall	"
May 1, 1921	84	James P. Quinn	"
July 20, 1924	79	Milton C. Andrews	"

## HOSE COMPANY No. 2.

Date of Joining Dept.	No. of badge	Name	Rank
July 13, 1908	185	Edward A. Pollock	Captain
Oct. 23, 1903	191	Frank N. Cleveland	Lieutenant
Oct. 1, 1917	192	Joseph G. E. Bessette	Chauffeur
Nov. 25, 1917	187	Charles A. Vail	"
Dec. 1, 1894	189	Antonio M. Lemos	Hoseman
Feb. 2, 1920	194	Sam Julio	"
May 1, 1921	186	Laurence J. O'Connor	"
Feb. 2, 1920	193	Godias J. Boucher	"
May 1, 1921	190	Edward Marsh	"
Mar. 18, 1923	188	William P. Taylor	"

## FIRE DEPARTMENT

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## HOSE COMPANY No. 4.

Date of Joining Dept.	No. of badge	Name	Rank
May 1, 1910	270	William S. Gatenby	Captain
Aug. 11, 1908	271	James Sanderson, Jr.	Lieutenant
July 17, 1918	267	Walter Earnshaw	Chauffeur
Sept. 8, 1908	274	Allan L. Phillips	"
Jan. 4, 1900	275	Richard F. Burke	Hoseman
Feb. 2, 1920	273	Francis M. Dowd	"
Apr. 2, 1918	276	John F. Maguire	"
Feb. 2, 1920	265	James T. O'Brien	"
Feb. 2, 1920	268	Frank Cheetham	"
Nov. 26, 1922	272	Manuel A. Mendoza	"

## FOAMITE COMPANY No. 5

Date of Joining Dept.	No. of badge	Name	Rank
Nov. 25, 1917	73	Nathaniel H. Caswell, Jr.	Chauffeur
July 9, 1920	30	Walter E. Cobb	"
Feb. 2, 1920	5	Joseph W. Lajeunesse	Hoseman
May 1, 1921	3	Hugh J. Kennedy	"

## LADDER COMPANY No. 1.

Date of Joining Dept.	No. of badge	Name	Rank
Aug. 29, 1904	92	William N. Whelan	Captain
July 1, 1896	95	William L. Durfee	Lieutenant
July 4, 1920	104	Fred Clarkson	Chauffeur
May 1, 1910	97	Norman S. Dyer	"
Feb. 2, 1920	103	Joseph DeTerra	Tillerman
Feb. 2, 1920	99	Thomas W. Bell	"
Dec. 5, 1887	98	Geo. S. Allen	Ladderman
July 17, 1918	106	Robert Cocking	"
Feb. 2, 1920	102	Harmidas J. Roberts	"
Feb. 2, 1920	96	John T. King	"
April 22, 1896	105	Charles E. Robertson	"
Oct. 7, 1918	101	Edward J. Regan	"
Mar. 18, 1923	107	John J. Brennan	"
April 2, 1922	100	Joseph Miler	"

## LADDER COMPANY No. 2.

Date of Joining Dept.	No. of badge	Name	Rank
Jan. 3, 1915	178	Frank J. Nicklas	Captain
Oct. 1, 1895	176	John E. Murphy	Lieutenant
July 29, 1920	181	Walter C. Martin	Chauffeur
Mar. 1, 1892	173	William Sellecks	"
May 1 1921	179	Leo. F. McGoff	Tillerman
July 17, 1918	177	Philip A. Rainville	"
Dec. 1, 1917	183	Albert Berry	Ladderman
Feb. 2, 1920	171	William Belisle	"
Mar. 17, 1918	172	Roland H. Cobb	"
Feb. 2, 1920	180	William W. Entwistle	"
May 1 1921	175	Theodore A. Cote	"
Aug. 13, 1922	182	Leonard Mason	"
Mar. 18, 1923	174	Patrick B. Costello	"
Mar. 30, 1924	184	Hervey J. Laferriere	"

## FIRE DEPARTMENT

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## LADDER COMPANY No. 3.

Date of Joining Dept.	No. of badge	Name	Rank
Dec. 15, 1892	232	Charles E. Greene	Captain
Mar. 7, 1911	233	Arthur E. Souza	Lieutenant
Jan. 2, 1918	227	Thomas W. Whittaker	Chauffeur
Nov. 26, 1917	234	William Beehan	"
Oct. 1, 1902	228	Frank T. Cooke	Tillerman
Jan. 7, 1917	230	Alfred A. DesRoches	"
Nov. 25, 1917	224	Thomas Collins	Ladderman
Feb. 2, 1920	226	Arthur Harwood	"
Feb. 2, 1920	219	Peter J. Brennan	"
Feb. 2, 1920	220	Richard Pinnington	"
Apr. 12 1921	222	Joseph Carter	"
Feb. 2, 1920	221	George Sherratt	"
Feb. 3, 1920	218	Thomas F. Flood	"
Sept. 6, 1920	231	Frank C. Corre	"

## LADDER COMPANY No. 4.

Date of Joining Dept	No. of badge	Name	Rank
May 9, 1916	280	Albert Wooley	Captain
Jan. 8, 1907	281	Ernest G. S. Teachman	Lieutenant
Dec. 7, 1919	286	William A. Lenhart	Chauffeur
Dec. 2, 1917	283	Irving W. Nelson	"
Dec. 1, 1917	282	Edward McKay	Tillerman
Nov. 7, 1918	287	Joseph E. Pidgeon	"
Oct. 19, 1908	285	William J. Gibbs, Jr.	Ladderman
Feb. 3, 1920	284	Frederick Walker	"
Feb. 2, 1920	289	Albert Voisine	"
May 1, 1921	291	John E. Rebello	"
Dec. 18, 1921	290	Thomas E. Lundy	"
May 1, 1921	158	George Klemm	"
Dec. 27, 1921	293	Ernest J. Dearden	"
Feb. 2, 1920	292	Edwin Hibbert	"

## LADDER COMPANY No. 5.

Date of Joining Dept.	No. of badge	Name	Rank
Dec. 31, 1888	70	Thomas H. Forbes	Captain
Mar. 10, 1918	75	Shirley B. Allen	Lieutenant
Oct. 23, 1906	71	James S. Cooke	Chauffeur
Feb. 3, 1902	72	Charles H. Lawrence	"
Sept. 1, 1892	77	Charles A. Haskins	Ladderman
May 9, 1905	69	Joseph A. Mahoney	"
May 1, 1918	67	Lawrence J. Boland	"
Feb. 2, 1920	68	Robert J. Sullivan, Jr.	"
May 1, 1921	18	Charles J. McKenna	"
Jan. 1, 1923	74	Thomas Spence	"

**THE NEW BEDFORD PROTECTING SOCIETY****1924**

PRESIDENT :

JOSEPH F. CORNWELL

DIRECTORS.

HENRY S. HUTCHINSON  
THOMAS B. AKIN  
CHAS. S. BAYLIES  
F. OSCAR COVILL

FRANK P. R. PATTERSON  
ERNEST H. BOUCHER  
GEORGE L. MACY  
FREDERICK B. MACY

SECRETARY AND TREASURER :

GEORGE P. HURLL

Allen, Geo. H. H., Jr.  
Kelley, Charles S., Jr.  
Webber, James A.  
Swift, Horace W.  
Blair, John K.  
Dawe, William C.  
Bourne, William S.  
Brightman, Harry C.  
Brooks, Arthur T.  
Coe, I. H., Jr.  
Anthony, Merrill D.  
Brooks, Andrew J.  
Williams, Thos. W.  
Russell, Charles A.  
Delano, Arthur D.  
Read, W. Kempton  
Browne, Frederic T.  
Chase, Chester W.  
Lawton, Harry C.  
Howard, Henry, Jr.  
Case, Everett B.  
Knowles, Henry C.  
Weeks, Allen T.  
Francis, Wellington A.  
Macy, J. Roland  
Manchester, P. F.  
Shaw, John C., Jr.  
Mendelson, Hyman  
Tuell, Clifton P.  
Gabriel, Samuel E.  
Simmonds, G. W.

Chapman, Laurence D.  
Makin, Henry J.  
Read, Joseph M.  
Perry, Samuel H.  
Peirce, Stephen D.  
Poirier, Aime J.  
Potter, William F.  
Oesting, Edward A.  
Olivier, Geo. L.  
Smith, Nat. C.  
St. Germain, George A.  
Phillips, William C.  
Robinson, Wm. A., Jr.  
Macy, Herbert F.  
Sharples, Charles H.  
Sharples, Arthur  
Dunham, Otis M.  
Sears, Louis A.  
Taber, Frederic H.  
Taylor, Wm. T.  
Lancaster, John M.  
Williamson, T. Wilson  
Cook, Otis P.  
Winslow, Henry S.  
Archer, Frederick F.  
Rexford, Chester P.  
Bonneau, George  
Peterson, George W.  
Weeks, John L.  
Wood, David S.



**FIRE ALARM TELEGRAPH 1924**

SUPERINTENDENT

EDWARD F. DAHILL, Chief of Department.

Assistant Superintendent

CAPT. ROBERT E. ALLEN.

## LOCATION OF SIGNAL BOXES.

## PRIVATE BOXES

**1**

112 Pairpoint Corp.  
 113 Quissett Mill  
 114 City Mills  
 115 Potomska Mills  
 116 Acushnet Mills  
 117 Hathaway Mills  
 118 Dartmouth Mills  
 12 Butler Mill  
 122 Holmes Mill  
 124 Booth Mill  
 125 Kilburn Mill  
 13 Page Mill  
 131 Gosnold Mill  
 132 Rotch Mills, Orchard st  
 133 Rotch Mills, Bolton st  
 134 Sharp Mill  
 14 Morse T. D. & M. Co.  
 141 Frank L. Young Co.  
 142 N. B. Gas & E. Light Co., Water st  
 143 N. E. Steamship Co.  
 145 U. S. Ry. Co., Power House  
 146 U. S. Ry. Co., Popes Island  
 147 Terminal Warehouse, Front st  
 148 J. C. Rhodes & Co.  
 149 State Pier  
 15 N. B. Cordage Co.  
 16 St. Luke's Hospital, Allen st  
 19 Acushnet Park

**2**

21 E. E. Taylor Shoe Co.  
 211 N. B. Spinning Co.  
 212 Wamsutta Mills  
 213 Grinnell Mills  
 214 Bristol Mill  
 215 Fairhaven Mills, Coggeshall st  
 216 Pierce Mill, Belleville av & Sawyer  
 2161 Pierce Mill, foot of Dean st  
 217 Fairhaven Mills, Sawyer st

218 Soule Mill  
 221 Whitman Mills  
 223 Manomet Mill No. 1, ft Hathaway  
 2231 Manomet Mill No. 2, ft Nash rd  
 224 Nashawena Mills, Belleville av and  
 Belleville rd  
 2241 Nashawena Mills, Belleville av and  
 Hatch st  
 2242 Nashawena Mills, Conduit st, ft Cen-  
 tral av  
 225 Nonquitt Mill No. 1, ft Covell st  
 2251 Nonquitt Mill No. 2, ft Covell st  
 226 Manomet Mill No. 3, ft Ingraham  
 229 Allen Co., River rd  
 231 Pierce Bros. Ltd. Mill  
 232 Taber Mill  
 233 N. B. Cotton Mills  
 234 Beacon Mills  
 235 National Spun Silk Co.  
 24 U. S. Ry. Co., Weld st  
 241 Snell & Simpson  
 242 Smith Bros. Brewery  
 243 N. B. Warehouse, Sawyer st  
 244 Dawson's Brewery  
 245 Union Warehouse, Nash Road  
 246 Belleville Warehouse  
 247 N. B. Cotton Waste Co.  
 25 N. E. Oil Refining Co.  
 251 Taunton-N. B. Copper Co.  
 252 Z. B. Davis Corp.  
 253 Freight House, Pearl st  
 254 Freight House, Willis st  
 255 Railroad Engine House  
 256 Hill & Cutler Co.  
 257 Wamsutta Sheeting Factory  
 259 J. Rubin & Sons., 223 No. Second st  
 26 Neild Mill  
 261 Manomet Mill No. 4, King st  
 28 Continental Wood Screw Co.  
 281 Nausett Warehouse  
 282 Garbage Plant, Shawmut av,  
 north from Hathaway rd  
 29 Lambeth Rope Works, Tarkiln Hill rd  
 291 J. I. Paulding, King's Highway

## PUBLIC BOXES

3

- 3 Lunds Corner
- 31 Acushnet av and Wood st
- 311 Acushnet av and Perry st
- 312 Acushnet av and Hatch st
- 313 Acushnet av and Belleville rd
- 315 Howard av and Belleville av
- 316 Belleville av and Covell st
- 317 Belleville rd and Hope st
- 318 Belleville rd and Diman st
- 319 Acushnet av and Nash rd
- 323 Arlington and Clifford sts
- 324 Concord and Shaw sts
- 325 Arlington and Query sts
- 326 Ashley blvd and Shaw st
- 327 Ashley blvd and Glennon st
- 329 Nash rd and Ashley blvd
- 332 Church and Glennon sts
- 334 Nash rd and Church st
- 345 Irvington and Rochambeau sts
- 363 Shawmut av and Plainville rd
- 371 Wood and Felton sts
- 373 Branscomb and Orleans sts
- 375 Tarkiln Hill rd and Ashley blvd
- 376 Tarkiln Hill rd and Prescott st
- 38 Acushnet and Squin avs
- 382 Acushnet av and Braley rd
- 385 Acushnet av and Forbes st
- 386 Acushnet av and Phillips rd
- 387 Acushnet av and Chaffee st
- 388 Acushnet av and Pontiac st

4

- 4 Tinkham av and No. Front st
- 41 Hathaway and Diman sts
- 411 Belleville av and Davis st
- 412 Acushnet av and Davis st
- 413 Ashley blvd and Coffin av
- 4131 Ashley blvd and Phillips av
- 414 Coffin av and No. Front st
- 415 Belleville and Coffin avs
- 416 Acushnet av and Bullard st
- 42 Belleville av and Nye st
- 421 Tallman st and Ashley blvd
- 422 Acushnet av and Sawyer st
- 423 Holly and No. Front sts
- 43 Acushnet av and Coggeshall st
- 431 Belleville av and Coggeshall st
- 432 Cedar Grove and No. Front sts
- 433 Cedar Grove st and Acushnet av
- 4331 Cedar Grove and Howard sts
- 434 Acushnet av and Washburn st
- 435 Hicks and No. Front sts
- 441 Brook and Earl sts

- 442 Ashley blvd and Earl st
- 451 Mt. Vernon and Highland sts
- 452 Mt. Pleasant and Peckham sts
- 453 Summer and Adams sts
- 454 Mt. Pleasant and Sawyer sts
- 459 Mt. Pleasant st & Kings Highway
- 46 Sawyer and County sts
- 461 Coggeshall and Reynolds sts
- 4611 County and Coggeshall sts
- 462 Purchase and Cedar Grove sts
- 463 County and Clark sts
- 464 Myrtle and Clark sts
- 47 Purchase and Linden sts
- 471 County and Linden sts
- 472 Durfee and Summer sts
- 473 Durfee and Highland sts
- 48 Shawmut av and Durfee st
- 482 Shawmut av and Potter st
- 484 Shawmut av and Hathaway rd
- 49 Rockdale av and Rogers st
- 494 Rockdale av and Hathaway rd

5

- 5 Parker St. near Summer st
- 51 County and Parker sts
- 511 Hazard and State sts
- 512 Merrimac and State sts
- 513 Purchase and Franklin sts
- 514 Purchase and Willis sts
- 515 Acushnet av and Wall st
- 516 Acushnet av and Maxfield st
- 517 State and Sycamore sts
- 5171 Maxfield and Pleasant sts
- 52 Richmond and Austin sts
- 521 Shawmut av and Maitland st
- 522 Cottage and Robeson sts
- 5221 Home for the Aged, Summer and Austin sts
- 523 Robeson and Summer sts
- 5231 County and Merrimac sts
- 524 Cedar and Locust sts
- 525 Shawmut av and Parker st
- 526 Chestnut and Willis sts
- 527 Cedar and Smith sts
- 5271 Cedar and Maxfield sts
- 53 Kempton and Cedar sts
- 531 Kempton and Chancery sts
- 532 Kempton and Liberty sts
- 533 Kempton and Florence sts
- 534 Kempton st and Rockdale av
- 536 Kempton and Jenny Lind sts
- 54 Purchase and North sts
- 541 No. Water and North sts
- 542 No. Water and Middle sts
- 543 Fish Island

544 Rodman and Front sts  
 551 County and Maxfield sts  
 552 County and Kempton sts  
 553 Pleasant and High sts  
 554 Purchase and Elm sts  
 556 William and No. Sixth sts  
 557 County and Morgan sts  
 5571 Summer and Middle sts  
 56 Union and Eighth sts  
 561 Union and Purchase sts  
 5611 Hutchinson's Book Store Bldg.  
 5612 N. B. Dry Goods Co.  
 562 William and No. Second sts  
 563 Union and Water sts  
 57 Cottage and North sts  
 571 Hillman and Ash sts  
 572 Park and Keene sts  
 573 Park and Smith sts  
 581 Union and Ash sts  
 582 Union and Park sts  
 583 Union and Rounds sts  
 59 Cottage and Court sts  
 591 Court and James sts  
 5911 Court and Liberty sts  
 592 Palmer and Elm sts  
 593 Court and Reed sts  
 594 Buutonwood and Lake sts  
 595 Brownell av and Pinette sts

## 6

6 Pleasant and School sts  
 61 Purchase and Madison sts  
 611 Second and School sts  
 6111 Parson's Steam Laundry  
 612 Walnut and So. Water sts  
 613 So. Water and Coffin Sts  
 614 So. Water and Leonard sts  
 615 Acushnet av and Cannon st  
 616 Bedford and So. Sixth sts  
 6161 Pleasant and Russell sts  
 617 Walnut and Seventh sts  
 62 Allen and Dartmouth sts  
 621 Bedford and Borden sts  
 622 Ward and Bay sts  
 623 Allen and Page sts  
 624 Allen and Brigham sts  
 625 Allen and Reed sts  
 63 Hawthorn and Cottage sts  
 631 Hawthorn and Page sts  
 632 Hawthorn and Brigham sts  
 633 Ryan and Brownell sts  
 634 Carroll and Reed streets  
 635 Maple and Rounds sts  
 64 Orchard and Clinton sts  
 641 Arnold and Ash sts  
 642 Arnold and Atlantic sts  
 643 Arnold and Rotch sts  
 644 Arnold and Reed sts

## 7

7 Howland and So. Second sts  
 71 Purchase and South sts  
 711 So. Water and South sts  
 7111 Acushnet av, north from South st  
 712 Potomska and So. First sts  
 713 Acushnet av and Rivet st  
 714 So. Water and Blackmer sts  
 715 So. Water and Division sts  
 716 So. Water and Cove sts  
 717 Cove and Viall sts  
 72 County and Grinnell sts  
 721 Rockland and Hall sts  
 722 County and Thompson sts  
 7221 Crapo and Thompson sts  
 723 County and Mosher sts  
 7231 Division st and Acushnet av  
 724 County and Mosher sts  
 725 County and Cove sts  
 73 Washington and Crapo sts  
 731 Orchard and Fair sts  
 732 Briggs and Thompson sts  
 7321 Hemlock and Thompson sts  
 733 Bolton and Rivet sts  
 734 Crapo and Rivet sts  
 735 Crapo and Division sts  
 7351 Katherine and Bonney sts  
 74 Dartmouth and Hickory sts  
 741 Dartmouth and Rockland sts  
 742 Dartmouth and Rivet sts  
 743 Dartmouth and Dunbar sts  
 744 Hemlock and Swift sts  
 745 Hemlock and Sagamore sts  
 746 Field and Matthew sts  
 747 Rockdale ave and Sharp st  
 748 Rockdale ave and Luke st

## 8

8 Almshouse  
 81 Isolation Hospital  
 811 Brock av and Hudson st  
 812 Brock av and Capitol st  
 813 Brock av and Butler st  
 8131 Brock av and Frederick st  
 814 Brock av and Rodney st  
 815 Brock av and George st  
 816 Ruth and Ashley sts  
 82 Rodney French blvd, west, and Brock av  
 821 Rodney French blvd, west, and Willard st  
 83 Rodney French blvd, east and Cove st  
 831 Rodney French blvd, east, and Frederick st

## SPECIAL SIGNALS

22 struck twice, No School Signal  
 99 Struck four times, Police Call  
 10 blows struck twice, Military Call.  
 15 blows struck twice, Naval Call.  
 38 blows struck once, Civil Relief Committee Call.

CITY OF NEW BEDFORD.

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IN BOARD OF ALDERMEN,

January 22, 1925.

Received, ordered printed in the City Documents and  
sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

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IN COMMON COUNCIL,

January 22, 1925.

Concurred.

RUTH G. HILTON,

Clerk.









**FORTY-FIFTH ANNUAL REPORT**  
**OF**  
**THE BOARD OF HEALTH**  
**OF THE**  
**CITY OF NEW BEDFORD**

To the City Council for the Year 1924.



NEW BEDFORD, MASS.

1924

L. INDEPENDANT PRINTING



## REPORT

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New Bedford, Jan. 1, 1925

*The Honorable the Mayor and City Council*

Gentlemen:

We respectfully submit the report of the New Bedford Board of Health for the year 1924.

### GENERAL HEALTH

The year was a remarkably good one for the United States-favoring as it did better natural conditions and subsidence of contagious diseases in number and in virulency.

Two records were established in New Bedford. 9.31 deaths per thousand inhabitants is the lowest rate in the history of the city and the first single-figure death rate.

The death rate of infants — 77.94 per thousand — is the lowest ever here recorded and is the lowest for textile cities. Natural conditions favored a lowered rate, but the lowest rate was attained only after years of organized work. Yet, good as this record seems to be, it is far too high. To lower it adequately, the continued indorsement and co-operation of your honorable body are absolutely necessary.

### MILK

Early in the year, rules governing the production and sale of milk for New Bedford were revised to become operative January 1, 1925. These rules required pasteurization of all milk salable in New Bedford except certified milk. After careful study, we were convinced that, by omitting some of the requirements of certification, raw milk from tuberculin tested cows would be safe and should be available to consumers who prefer raw milk. Accordingly, the rule requiring pasteurization was amended to permit the sale of raw milk (containing not more than 50,000 bacteria per c.c.) drawn from tuberculin tested cows.

## DISPOSAL OF GARBAGE

The loss of the garbage reduction plant by fire compelled disposing of garbage without reduction or destruction. The present method of drying garbage is a makeshift; it was resorted to as an emergency method to be discarded as soon as it is possible to operate efficiently.

Early in the year the Board engaged Mr. Samuel Greeley to study garbage and rubbish disposal in New Bedford and make plans and specifications for an incinerator large enough to be effective for twenty years with estimated increase of population.

Mr. Greeley's recommendations, plans and specifications are now in the office of the Board of Health and the Board awaits only the necessary appropriation of money by the City Council and authorization to contract according to plans.

A casual inspection of present day disposal of city garbage should convince anyone that the situation is precarious and the demand for improvement imperative.

## FOLLOW UP OF UNDERWEIGHT CHILDREN

In co-operation with the State Department of Health our Board, late in the year, followed inspections previously made of children in two parochial schools, who were 10% or more underweight. This branch of preventive medicine is effective against tuberculosis in some children and in arresting the disease in many who are infected.

Follow up work will continue until all parochial school children in the lower grades have been examined.

## VACCINATIONS

Few, if any other, health activities show as good results as vaccination against smallpox shows. Cities that neglected vaccination paid dearly for their neglect in time of epidemic and were forced to vaccinate thoroughly in order to make safe.

Massachusetts wisely requires that children must be vaccinated before entering public schools. The parochial schools — always co-operating heartily with the Board of Health — are now vaccinating.

During 1924, 3074 free vaccinations were made in New Bedford by vaccinators of superior ability and fine technique.

## VENERAL DISEASE CLINIC

Of its nature, the V. D. clinic necessarily work quietly; nevertheless, the results are big.

A sane and workable law would enable health workers to render venereal disease a surprisingly lesser menace to the public. Many gestures are making without results in control.

## ISOLATION HOSPITAL

Because of insufficient funds, the Isolation Hospital buildings have not been kept in so good condition as such buildings require. Extensive repairs have put the exterior of the buildings in first class condition. Much work on the interior must be done before the hospital is satisfactory.

## SMALLPOX HOSPITAL

The Smallpox Hospital is in good repair and is always ready to open on short notice.

During the year several old and disused buildings adjacent to this hospital, including the old Pest-House, were fired and completely destroyed under the direction of Chief Engineer Edward F. Dahill of the Fire Department.

## DENTAL CLINICS

Three dental clinics, established in school buildings and one roving clinic care for the children of primary grades. The clinics are of great value in saving children's teeth and in teaching children the importance of frequent professional attention.

The report of the supervisor shows the necessity of some degree of standardization in conduct of clinics and in technique. This is not strange in a clinic that has to feel its way. Changes in scope and method are considered very carefully and our hope is for a much improved clinic.

Respectfully submitted.

J. U. PAQUIN, M. D.

JOS. R. GLENNON,

FRANCIS M. KENNEDY, D. D. S.



## REPORT OF AGENT &amp; EXECUTIVE OFFICER

New Bedford, Mass., Jan. 1, 1925

*To the Board of Health,*

Gentlemen:

It is gratifying to record the work of this department for the year ending December 31, 1924 — the most successful 12 months, from a health standpoint of any year in the history of New Bedford, accomplishing as it has several low marks, of which we all may well be proud. An unusually low general death rate, probably the lowest of any textile city in the world, the lowest infant mortality rate in the history of the city, and marked reductions in the deaths from diseases which interest every public health worker. The record for the principal epidemic diseases of childhood is highly satisfactory, no deaths being recorded for either scarlet fever or measles, and but two deaths from whooping cough. Diphtheria is the only disease in this group, which exceeded the records of 1923.

There was a marked falling off in the number of deaths from broncho-pneumonia, the record for last year being 143 against 268 in 1923, a difference of 125 deaths, while cancer was lowered 29, and organic heart disease 18. As usual, heart disease was the principal cause of death during the 12 months, broncho-pneumonia next with 143, and cerebral hemorrhage third with 134 deaths, — the last named cause exceeding the record of 1923 by 19. From all forms of tuberculosis there were six less deaths than in 1923.

The record for violent deaths was also distinctly encouraging, a decline of 14 against the record of 1923. The two homicides credited in this class must be divided between New Bedford and Sagamore, for one of the two victims received his death blow in the last named town, was brought to this city and died from his wounds in St. Luke's hospital.

The age groups most affected in the distribution of deaths, excepting of course, infants under one year, were between 55 and 60, 87; between 60 and 65, 95; between 65 and 70, 106; between 70 and 75, 86; and between 75 and 80, 97.

The general death rate based on the estimated population of the Board of Assessors, 136, 966, is 9.79, and as there were 66 non-residents who died here during the year, the adjusted death rate is 9.31.

## BOARD OF HEALTH

L 7

The following is the record of deaths and mortality rates since 1889:

Year	Deaths	Rate	Population
1890 . . .	775	18.9+	41,000
1891 . . .	960	21.8+	*44,000
1892 . . .	973	21.62	45,000
1893 . . .	1070	23.77	45,000
1894 . . .	1037	21.18	49,000
1895 . . .	1055	19.09	*55,251
1896 . . .	1192	20.91	57,000
1897 . . .	1275	21.98	58,000
1898 . . .	1111	18.33	59,000
1899 . . .	1161	19.35	60,000
1900 . . .	1285	20.57	*62,442
1901 . . .	1236	19.08	64,826
1902 . . .	1331	19.80	67,210
1903 . . .	1590	22.84	69,594
1904 . . .	1347	18.71	71,978
1905 . . .	1275	17.14	*74,326
1906 . . .	1333	16.85	79,078
1907 . . .	1546	18.38	84,102
1908 . . .	1579	17.79	88,591
1909 . . .	1594	17.12	*93,093
1910 . . .	1817	18.79	*96,652
1911 . . .	1730	16.94	102,098
1912 . . .	1655	15.86	104,302
1913 . . .	1673	15.52	107,766
1914 . . .	1750	16.05	109,000
1915 . . .	1719	15.67	*109,652
1916 . . .	1810	15.31	118,158
1917 . . .	1785	15.1+	118,158
1918 . . .	2905	24.28+	119,577
1919 . . .	1626	13.25	122,695
1920 . . .	1749	14.42+	121,217
1921 . . .	1380	11.38	125,012
1922 . . .	1560	12.23+	127,542
1923 . . .	1583	11.6 +	135,457
1924 . . .	1342	9.79	136,966

\*Census

## COMPARATIVE TABLE OF DEATHS BY MONTHS.

Year	Jan.	Feb.	Mch.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
1916	152	174	165	156	166	137	125	173	155	119	127	161
1917	157	147	193	168	150	126	134	141	139	139	131	160
1918	200	167	172	187	142	153	228	195	205	854	228	174
1919	192	164	165	142	123	99	107	118	103	153	105	155
1920	169	283	189	137	147	111	94	153	108	119	119	120
1921	135	120	143	123	107	114	96	109	110	102	114	107
1922	117	165	199	157	121	91	83	114	136	123	115	139
1923	187	179	181	146	128	129	116	109	97	116	106	93
1924	139	128	140	117	122	91	93	98	78	113	102	121

COMPARATIVE TABLE OF LEADING CAUSES OF DEATH

	—1920—		—1921—		—1922—		—1923—		—1924—	
	Deaths	P. C	Deaths	P. C	Deaths	P. C.	Deaths	P. C.	Deaths	P. C
Pulmonary T. B.....	130	7.3	123	9.0	113	7.2	95	5.9	96	7.
All Forms T. B.....	167	9.2	149	10.7	135	8.6	120	7.5	114	8.3
Heart Disease.....	155	8.7	185	13.4	193	12.3	251	18.1	233	17.1
Broncho Pneumonia..	226	12.9	105	7.6	192	12.3	268	16.1	143	10.4
Pneumonia.....	37	2.1	33	2.3	36	2.3	37	2.4	41	3.
Cancer.....	93	5.2	82	5.9	105	6.7	120	7.9	91	6.7
Diarrhoea (under 2).	149	8.5	129	9.3	87	5.5	74	4.6	35	2.5

MORTALITY FROM PRINCIPAL CAUSES,  
Year 1924 and Average Preceding Five Years.

	Average Preceding 5 yrs.	1924 Deaths Reported	Increase	Decrease
Total Deaths	1579	1342		273
Diphtheria	22	13		9
Tuberculosis				
(all forms)	148	115		33
Pul. Tuberculosis	120	96		24
Heart Disease	176	233	57	
Broncho Pneumonia	194	143		51
Lobar Pneumonia	35	41	6	
Cancer	101	92		9
Diarrhea & Enteritis				
Under 2 years	114	35		79

A well known writer on public health in speaking of pneumonia as one of the leading causes of deaths, states that there are several well-defined regions in which deaths from this disease lead and he names the New England and Middle Atlantic States, Delaware, Maryland and West Virginia, Michigan and Colorado.

Combinations of low temperature and high humidity are believed to be large factors in the prevalence of pneumonia and this same writer says that high humidity is shown to be more of a factor than extreme cold; but it is the combination of the two which makes for high pneumonia death rates. This is clearly shown, he claims, by the extremely low rates which prevail in the western provinces of Canada, where the temperature is more even.

### INFANT MORTALITY

For the second time in the history of the city the infant mortality rate has fallen below the century mark, once in 1921 and again last year, when it showed a mark of the low est in the history of New Bedford. The number of deaths under one year in 1924 was 247 against 347 in 1923, the smallest number since 1890 when there were 215. This excellent showing is undoubtedly due to three distinct causes-first, this feature of health work inaugurated 12 years ago is bearing fruit; second, there is no doubt but slack work in the cotton mills, compelling mothers to remain away from the mills, proved beneficial to the children, who had mothers' care and last, but not least, a businesslike supervision of the work being done by the nurses in this division. All three, in my opinion, have proven a factor in bringing this mortality rate down to the low mark which is recorded.

Gratifying as this low rate may be, we must not lose sight of the fact that there is no improvement in the record of deaths of children under one month. This group has always made for a high rate, and last year was no exception to the rule.



The infant death rate is shown in the following table:

		Births	Deaths Under 1	Rate
1889	.	1178	217	184.21
1890	.	1077	215	199.63
1891	.	1350	282	208.88
1892	.	1678	279	166.26
1893	.	1647	350	212.50
1894	.	1971	338	171.48
1895	.	1799	330	183.43
1896	.	2228	466	209.15
1897	.	2368	420	177.32
1898	.	2251	375	166.59
1899	.	2213	343	154.99
1900	.	2374	424	178.60
1901	.	2658	361	135.81
1902	.	2579	425	164.79
1903	.	2569	442	172.05
1904	.	2700	423	156.66
1905	.	2852	400	140.25
1906	.	3186	432	135.59
1907	.	3448	544	156.61
1908	.	3735	509	136.27
1909	.	4044	543	134.27
1910	.	3964	689	173.81
1911	.	4203	589	140.13
1912	.	3727	552	148.10
1913	.	3795	536	141.23
1914	.	3732	534	143.08
1915	.	3679	495	134.55
1916	.	3651	485	132.84
1917	.	3792	495	130.55
1918	.	4122	760	184.33
1919	.	3545	414	116.88
1920	.	3656	428	117.07
1921	.	3681	346	93.99
1922	.	3344	345	103.01
1923	.	3300	347	105.1
1924	.	3169	247	77.94

## INFANT MORTALITY IN DETAIL

1924	AGES													M. F.	
	Total Deaths under 1 year	Under 1 day	1 day-2 days	2 days-3 days	3 days-1 week	1 week-2 weeks	2 weeks-3 weeks	3 weeks-1 month	1 month-2 months	2 months-3 months	3 months-6 months	6 months-9 months	9 months-12 months		
January.....	30	5	3	1	1	3	1	0	4	3	7	1	1	13	17
February.....	27	0	0	3	2	4	0	0	3	1	5	3	6	17	10
March.....	36	7	2	1	3	2	4	2	1	0	4	5	5	22	14
April.....	23	6	4	4	1	0	0	0	1	0	3	1	3	14	9
May.....	22	5	3	0	4	3	0	0	0	1	3	1	2	13	9
June.....	13	5	0	0	2	1	2	0	0	0	0	0	3	9	4
July.....	10	1	1	0	2	1	0	1	1	0	2	0	1	5	5
August.....	23	5	2	4	1	1	1	2	0	1	2	3	1	14	9
September....	14	4	0	0	2	1	1	2	1	0	1	3	0	8	6
October.....	14	3	1	0	0	3	0	1	1	1	2	1	1	9	5
November....	14	2	2	0	2	0	2	0	2	1	1	2	0	5	9
December....	21	5	0	0	0	2	0	0	1	3	2	3	5	13	8
Total Males		28	10	9	14	11	4	2	6	6	18	16	17	141	
Total Females		20	8	4	6	10	7	6	9	5	14	6	8	106	

John Bernardo, born in Dartmouth, died at St. Luke's Hospital Oct. 5, of Ileo Colitis.

## CAUSES OF DEATH UNDER ONE YEAR, 1924

CLASSIFICATION NO.	Causes of Death												Total													
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	under 1 day	1 day-2 days	2 days-3 days	3 da.-1 wk.	1 wk.-2 wks.	2 wks.-3 wks.	3 wks.-1 mo.	1 mo.-2 mos.	2 mos.-3 mos.	3 mos.-6 mos.	6 mos.-9 mos.	9 mos.-12 mos.	M	F
9	Whooping	Cough																				1			1	
10	Diphtheria & Croup																									
21	Erysipelas																	1								
32	T. B. Meningitis																				1	1			0	
33	Abdominal T. B.																				1				1	
38	Syphilis																				1				0	
41	Septicaemia															1								1	0	
58	Anaemia																						1		1	
74	Apoplexy												1	2			1	2							4	
80	Convulsions													1				1	1			1	2	1	5	
84	Other dis. nervous sys.																						1		0	
88	Acute endocarditis																			1					0	
90	Organic Disease of Heart																								1	
92	Embolism																					1			0	
94	Dis. lymphatic system																								1	
99	Acute bronchitis																					1			2	
100	Broncho Pneumonia																					12	10	16	29	
101	Lobar Pneumonia																					1		2	0	
102	Pleurisy																						1		1	
103	Pul Congestion																								1	
113	Diarrhoea and enteritis																							20	14	
118	Hernia																								1	
126	Congenital Peritonitis																								1	
129	Nephritis																								1	
151	Gangrene of Leg																								1	
153	Abscess																								1	
154	Other dis. of skin																								1	
155	Disease of Bones																								1	
159	Cong. malformations																								0	
160	Cong. debility																								1	
161	Premature birth																								7	
162	Other causes																								28	
179	Burns																								15	
185	Accidental Fall																								2	
205	Ill defined																								1	
																									1	
																									101	
																									106	

Whole number: 141

Males

Females 106

Parentage of the 247 infant deaths is classified as follows:

United States	75
Portuguese	105
Canadian	33
English	10
Irish	1
Polish	9
Albanian	2
Swedish	1
Syrian	4
Russian	2
Italian	2
African	1
Greece	2

#### COMPARATIVE INFANT DEATHS

	1920	1921	1922	1923	1924
Broncho Pneumonia	82	42	75	104	49
Diarrhoea &					
Enteritis	144	121	80	62	34
Under one month	137	73	84	80	139
Infant Mortality	117.07	93.99	103.01	105.1	77.94

For several years the Instructive Nursing Association has engaged in prenatal work. That there might not be duplication in this activity, the Health Department gave way to the district organization, which has always been in the front rank of civic endeavor. In 1923 Miss Irons, the superintendent, and her assistants gave advice to 1346 expectant mothers, making 4278 visits, while last year 1447 patients were cared for, necessitating 3935 visits. These are facts connected with the city's prenatal work, plus the advice of physicians, yet there was a larger number of stillbirths than for several years, and an increase of the deaths of infants under one month. Despite all that has been done in the past, and all that is being done at the present time, the record of infant deaths under one month continues high. Naturally one asks why? Of the 247 deaths last year, 56% were infants under one month.

## INFANT MORTALITY BY MONTHS.

	1920	1921	1922	1923	1924
January ...	38	34	27	40	30
February ..	48	27	31	46	27
March .....	42	39	39	43	36
April .....	32	19	39	32	23
May .....	31	21	24	21	22
June .....	24	26	18	19	13
July .....	32	23	14	26	10
August ....	69	36	28	23	23
September .	30	47	41	21	14
October ....	29	33	31	22	14
November ..	31	20	25	19	14
December ..	22	21	28	25	21
Total	428	346	345	347	247

## CHILD MORTALITY, 1924.

	1 yr.	2 yrs.	3 yrs.	4 yrs.	Males	Females	Total
January .....	7	4	2	4	12	5	17
February .....	6	1	2	0	6	3	9
March .....	7	3	0	0	7	3	10
April .....	4	1	0	4	5	4	9
May .....	6	3	0	0	7	2	9
June .....	1	1	1	1	2	2	4
July .....	1	1	0	1	0	3	3
August .....	4	2	0	0	3	3	6
September .....	0	0	0	1	0	1	1
October .....	2	0	1	1	3	1	4
November .....	3	0	1	1	1	4	5
December .....	1	0	4	0	4	1	5

## BIRTH REPORTS

There were 131 less births reported to the department by the City Clerk in 1924 than in 1923. Of the 3169 births reported midwives officiated in 438 cases of confinement, quite a falling off in the figures for 1922, when there were 3344 births, midwives being in attendance upon 853 mothers confined that year. Visits to the newly born last year in consequence of bad eyes were in excess of those made in 1923.

During the latter part of the year in company with Dr. A. Normandin, the Board's oculist, I found a bad case of infected eyes in a child 18 months old. This proved such a serious case that it was deemed best to send the child to the Eye and Ear Infirmary for treatment. Carelessness undoubtedly caused the trouble in this instance, but those interested in the little one denied all knowledge of the matter. If the vision is saved, it will only be through the most persistent care given at the State institution. The following is the record for the year:

## BIRTHS.....1924.

	Number of Births	Number Reported by Midwives	Visits by O. N. Nurses	Cases of Ophth. Neon.	Cases of Supp. Conj.
January .....	245	37	32	6	10
February .....	270	51	69	1	10
March .....	281	36	40	1	12
April .....	280	44	54	1	15
May .....	267	24	67	2	10
June .....	267	34	110	0	21
July .....	272	38	90	2	12
August .....	258	32	131	0	9
September .....	286	43	142	2	12
October .....	260	41	60	1	8
November .....	222	33	87	1	11
December .....	259	25	59	1	9
Totals	3166	438	941	18	139



Dr. L. I. Dublin, statistician of the Metropolitan Life Insurance Company, in speaking of the decline of births in native born families says:

“The current tendency in the American birth rate is to fall even lower. It is now declining more rapidly than the deathrate. More and more, the rural populations with their still high birth rates are gravitating to the cities where the very first result is to reduce fertility. There are very obvious limitations to which such decline in the birth rate can go if the American population is to maintain its numbers and especially if its main body is to come from those stocks which recently have shown a very decided interest in the composition of the future American population.”

### MILK SUPPLY

The milk furnished the inhabitants of this city has been under careful supervision during the past year, and it is a safe prediction to make that during the coming year, the supply will be the equal of any sold in the cities of the State. The present regulations, which became operative with the new year insures a safe supply, and this is made doubly sure by constant inspections of the dairy farms where milk is produced. During the year just ended there were made 2725 inspections of the 500 dairy farms in this vicinity and the owners of such dairies either complied with the regulations of the Board of Health, or took their supply to a market where the rules were not so strict. Not since the beginning of the campaign on the milk eleven years ago, has so much been done in the way of supervising the source of supply. That such work has been beneficial is evidenced from the fact, that the commodity distributed at the homes, shows a better bacterial count as a whole.

There were taken from the vehicles delivering milk to consumers here 1291 samples, 432 additional compared with 1923. The following table recording this feature of the work will be read with interest by those who are looking for clean and safe milk;

## BOARD OF HEALTH

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## MILK.....1924.

	Number of Samples	From Cans	From Bottles	Duplicates	Bacterial Count	
					Below 50,000 per CC	Above 500,000 per CC
January.....	28	2	26	0	24	2
February.....	74	10	64	4	60	3
March.....	82	25	57	0	60	0
April.....	156	0	156	2	107	2
May.....	148	0	112	1	134	0
June.....	158	4	154	0	150	0
July.....	191	12	179	11	100	34
August.....	201	2	199	38	85	7
September.....	112	0	112	14	100	12
October.....	112	0	112	8	22	0
November.....	22	0	22	0	5	2
December.....	7	0	7	0		
Totals	1291	55	1200	78	847	62

## TUBERCULOSIS

There are at this writing in New Bedford, 844 active cases of pulmonary tuberculosis, as shown by the records in this department, and of this number 186 were reported during the year — 24 less than the number reported in 1923.

The number of cases of T. B. Glands on record is 211, and of this number 45 were given the Alpine lamp treatment at the Sassaquin Sanatorium 15 of which are presumably cured.

The department had under treatment at the Sassaquin Sanatorium during the year 240 patients, several of whom have been under treatment at that institution for some time. Of the patients discharged last year, 28 were apparently arrested, 28 improved, 22 quiescent, 13 improved, and 36 died. Of the patients 106 were married and 134 single. The nativity of the patients treated follow:

New Bedford	100	Austria	1
Cape Verde Islands	18	Sweden	1
England	16	Albania	1
United States	47	Scotland	1
Portugal	7	Greece	2
Ireland	3	France	1
Poland	13	Russia Poland	1
Azores	11	New Brunswick	1
Madeira Islands	2	Germany	1
Canada	11	Russia	1
Norway	1		

The occupation of these patients are classified as follows:

Students	68	Shoe Worker	2
Mill Operatives	66	Watchman	1
Housewives	42	Waiter	2
Children	2	Errand Boy	1
Laborer	8	Pharmacist	1
Cook	1	Hodecarrier	1
Dressmaker	1	Truckman	1
School Teacher	1	Iron Worker	2
Fireman	2	Carpenter	1
Sea Captain	2	Waitress	2
Clerk	6	Bartender	1
Chauffeur	1	Salesman	1
Bookkeeper	1	Expressman	1
No occupation	9	Sweeper	1
Painter	3	Insurance	1
Theatre	1	Stitcher	1
Florist	2	Sailor	1
Dentist	1	Gardener	1

The mortality rate for tuberculosis, all forms, has shown a remarkable drop since 1915 as shown by the following table. With the exception of 1918, the year of the great epidemic of influenza, there has been a steady decline since 1915, and it is reasonable to look forward to even a still further decline now that the treatment of all forms of the disease is made obligatory. With a safe supply of milk assured for the future of New Bedford, removing, as it is claimed, the danger of children acquiring the disease from tuberculous cows, the next five years should show a gratifying record. Certainly the reports of new cases of this character will be watched in the future.

YEAR	DEATHS	RATE
1915	164	1.49
1916	198	1.67
1917	183	1.55
1918	236	1.96
1919	173	1.41
1920	162	1.33
1921	152	1.21
1922	136	1.06
1923	120	.88
1924	115	.83

It may be interesting to compare the mortality rate from tuberculosis for the five years previous to 1915. This is shown in the following table:

YEAR	DEATHS	RATE
1910	125	1.29
1911	158	1.54
1912	135	1.29
1913	157	1.45
1914	164	1.50

In 1910 with 125 deaths and a rate of 1.29, the population was 96,652, while during the past year the deaths recorded were 115 and a rate of .83, there being over 40,000 more people residing here than in 1910.

## COMMUNICABLE DISEASES

The year just closed has been remarkably free from the ordinary communicable diseases which afflict children. Diphtheria led the procession, with 13 deaths out of the 129 cases reported. Of the 129 cases reported 65 were children of five years and under.

During the year there were 18 cases of typhoid fever with six deaths, one of the deaths being a young woman from a neighboring town who came to New Bedford for treatment. An investigation of the typhoid cases revealed the fact that eight of the 16 New Bedford patients had, just previous to becoming ill, eaten raw quahogs, taken from the polluted waters in Clark's Cove and Buzzard's Bay.

## CASES AND DEATHS BY MONTHS—1924.

MONTHS	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Small Pox		Lobar Pneumonia		Poliomyelitis		Pul. & Miliary		Menin-geal		Other Forms	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January.....	17	0	15	0	0	0	0	0	36	0	0	0	21	5	0	0	20	7	1	1	5	10
February.....	16	0	17	0	1	0	2	0	19	0	0	0	19	5	0	0	28	13	0	0	7	3
March.....	6	1	18	0	0	0	1	0	18	0	0	0	13	6	0	0	19	9	1	1	16	0
April.....	14	2	16	0	0	0	3	0	11	1	0	0	15	7	0	0	10	4	3	3	2	2
May.....	11	0	18	0	0	0	9	0	10	1	0	0	13	6	0	0	17	4	0	1	10	0
June.....	5	1	9	0	1	0	24	0	1	0	0	0	4	2	0	0	15	12	1	1	7	0
July.....	8	0	5	0	1	0	25	0	1	0	0	0	2	0	0	0	18	9	2	1	4	0
August.....	6	2	2	0	5	1	0	2	0	0	0	0	1	0	0	0	14	7	3	3	4	0
September.....	9	1	8	0	6	1	0	3	0	0	0	0	2	0	1	0	8	8	1	2	0	0
October.....	14	3	13	0	4	0	20	0	3	0	0	0	3	0	0	0	14	9	0	0	8	0
November.....	10	0	5	0	1	0	23	0	1	0	0	0	9	1	0	0	14	5	0	4	6	0
December.....	13	2	10	0	0	0	31	0	0	0	0	0	8	1	0	0	9	6	0	0	0	0
	129	13	136	0	18	5	142	0	104	2	0	0	110	40	1	0	186	96	14	14	103	5



## CASES AND DEATHS FOR EACH YEAR SINCE 1914.

Year	Diphtheria		Scarlet Fever		Typhoid		Measles		Whooping Cough		Small Pox		Lobar Pneumonia		Poliomyelitis		Pulmonary and Miliary Tuberculosis		Meningeal Tuberculosis		Other Forms of Tuberculosis	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1915	150	26	137	7	151	21	1064	4	163	3	23	10	—	78	1	0	423	139	10	15	43	10
1916	116	9	119	2	64	5	262	2	79	4	0	0	—	110	20	1	367	168	0	18	37	12
1917	112	12	125	2	66	7	1055	0	65	5	0	0	—	118	0	0	441	140	13	32	33	11
1918	118	19	56	2	48	10	400	2	138	7	0	0	176	68	11	0	435	203	14	26	37	7
1919	144	21	161	4	17	2	792	3	83	0	0	0	52	31	0	1	372	142	18	23	36	8
1920	208	34	310	3	50	13	439	2	64	4	0	0	81	38	0	0	344	130	23	26	26	6
1921	295	26	225	1	21	4	35	0	148	2	0	0	72	29	2	0	298	123	15	16	26	13
1922	305	23	217	4	18	0	767	2	58	1	0	0	93	31	15	5	259	113	18	17	45	6
1923	45	9	78	3	5	1	1804	4	191	2	1	0	97	34	3	0	210	95	20	21	104	4
1924	129	13	136	0	18	5	142	0	104	2	0	0	110	40	1	0	186	96	14	20	103	5

CASES OF SCARLET FEVER AND DIPHTHERIA  
FIVE YEARS AND UNDER.

	Scarlet Fever.	Diphtheria
January .....	3	6
February .....	10	10
March .....	9	4
April .....	6	6
May .....	8	3
June .....	2	2
July .....	3	5
August .....	2	4
September .....	3	5
October .....	4	8
November .....	2	4
December .....	4	8
	56	65

MARKETS AND STORES

An important feature of the work undertaken by the four sanitary inspectors in the department is frequent visits to places where food is prepared and sold. A healthy change in the sanitary condition of some of these places has been decidedly noticeable since the appearance of uniformed men at their places of business. Not only have these frequent visits proven beneficial to the purchaser, but to those who maintain these places, and it is not infrequent that the inspectors are asked for advice in the performance of this duty. During the year there were made 2948 inspections of markets and stores; 1946 inspections of lunch carts and restaurants and 919 inspections of bakeries.

DEATHS BY VIOLENCE.

During the year there were 66 deaths by violence against 79 the year previous. The leading incidents of this character were 10 suicides, 8 by burns, 15 by accidental absorption of poisonous gas, 4 drownings and 7 by automobile accidents, 1 less than in 1923. There were two homicides, the victim in one instance dying in a hospital here, altho the crime was committed in Sagamore.

## VACCINATIONS.

During the year just ended 3074 persons were vaccinated as free patients in this city. The number vaccinated by the physician in the employ of this department was 2592. In addition to this the City Mission vaccinated 482 persons, the vaccine virus used at this institution having been furnished by the State through the office of the local Board of Health.

## ISOLATION HOSPITAL.

The Isolation Hospital was opened for patients during February, March, April. May and August, five patients being under treatment for scarlet fever and four for diphtheria.

## INSANE.

There was but one examination under Chapter 123, Section 82 of the General Laws, and the case proved one for treatment at a State Institution.

## BOARD OF HEALTH

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The following is a monthly record of the work performed during the year:

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Contagious Diseases investigated	61	57	57	61	53	57	45	41	53	53	49	39
Houses Placarded	32	34	21	27	28	12	12	8	17	23	15	21
Rooms disinfected	31	56	32	41	30	29	20	17	15	24	26	18
Nuisances abated	58	34	26	22	28	46	33	28	23	16	24	32
Privy vault nuisances	2	0	0	2	2	0	0	0	4	2	1	2
Bakery inspections	145	20	99	70	89	97	69	70	56	84	65	55
Stables located	0	1	1	0	0	6	1	0	0	0	0	0
Stable inspections	157	72	130	166	73	130	117	70	126	83	69	90
Notices served	2	0	0	3	0	6	0	0	4	6	2	3
Yard inspections	2322	2145	2198	3047	2254	3405	2579	3581	3075	2450	2850	2230
Tenement houses inspected	10	8	20	23	12	12	31	8	6	6	12	10
Tenement houses re-inspected	5	1	6	6	0	3	2	6	6	0	4	0
Swine nuisances	3	3	0	0	2	0	0	2	3	0	0	0
Inspection milk peddlers' plants	0	4	4	58	61	37	41	60	56	58	29	7
Dairy farms inspected	5	58	40	174	191	177	341	298	340	314	441	388
Hen yard inspections	50	70	66	70	68	100	31	70	63	121	68	42
Milk samples taken	28	74	82	156	148	158	191	201	330	112	22	7
Births reported by City Clerk	245	270	281	280	267	267	272	258	286	260	222	259
Market and store inspections	134	220	463	120	224	200	257	270	230	265	238	327
Fire menaces reported	0	0	0	1	0	0	0	0	0	0	0	0
Ice cream plants inspected	26	40	43	27	62	0	10	30	40	18	55	26
Oculists' visits	123	123	163	137	140	225	118	96	92	130	118	100
Nurse's (O. N.) visits	32	69	40	54	67	110	90	131	142	60	87	59
Slaughtering inspections	174	154	115	70	98	209	102	130	71	79	140	107
Lunch carts and restaurant inspections	172	212	244	137	216	130	52	147	170	148	168	150
Sausage factories inspected	5	2	4	9	0	10	5	0	5	0	4	1
Hotel Kitchens inspected	0	0	4	7	0	0	0	0	0	0	0	0
Cold storage plants inspected	0	0	0	2	0	0	2	0	0	0	0	0
Milk samples (for water test)	4	2	2	0	0	8	4	4	30	0	0	27
Bottling establishments inspected	0	1	4	12	7	4	5	12	4	6	2	1
Contagious dis. on dairy farms	0	0	0	0	0	0	0	0	0	0	5	0
Dead animals reported	21	28	27	23	24	13	34	34	34	24	22	33
Garbage Complaints	19	19	35	21	32	37	64	64	54	36	25	42

## EXPENDITURES

Administration	\$12,351.49
Milk and Food	11,297.00
Laboratory	1,912.29
School Inspection	3,837.80
T. B. Clinic	2,799.91
T. B. Care	85,227.06
Infant Welfare	23,593.82
Contagious Disease	7,850.94
Ophthalmia Neon.	3,317.07
Isolation Hospital	15,000.81
Small-Pox Hospital	1,333.09
Sanitation	12,866.89
Veneral Diseases	7,658.69
Dental Clinic	20,168.53
Garbage Collection	57,216.00
Garbage Disposal	36,373.36
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	\$302,804.75

## EXPENDITURES — CONTAGIOUS DISEASES.

## TUBERCULOSIS:

New Bedford Sanatorium	\$72,357.39
Other Sanatoria	1,429.35
Outside Relief	964.57
St. Luke's Hospital	3,858.35
Union Hospital	25.75
T. B. Clinic	2,799.91
Other Cities and Towns	1,788.40
T. B. Nurses	4,627.50
Car Fares	175.75
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	\$88,026.97

## OTHER DISEASES:

Small Pox Hospital and Burial Ground	\$1,333.09
Ophthalmia Neon.	3,317.07
St. Luke's Hospital	2 254.25
Isolation Hospital, Maintenance & Repairs	1,500.81
Venereal Diseases	7,658.69
	<hr/>
	\$16,063.91

## REIMBURSEMENTS:

Subsidy T. B.	\$18,982.01
Commonwealth T. B.	6,003.43
Commonwealth Cont. Dis.	453.00
Other Sources	827.28
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	\$26,265.72

Respectfully submitted,

William G. Kirschbaum,

Agent & Executive Officer.





## CAUSE OF DEATH

## I. (Continued)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
27. Anthrax .....	.	.	.	.	.	.	.	.	.	.	.	.	.
28. Rabies .....	.	.	.	.	.	.	.	.	.	.	.	.	.
29. Tetanus .....	.	.	.	.	.	.	1	1	.	.	.	.	2
30. Mycoses .....	.	.	.	.	.	.	.	.	.	.	.	.	.
31. Tuberculosis of the respi- ratory system .....	7	13	9	4	7	12	9	7	8	9	5	6	96
32. Tuberculosis of the menin- ges and central nervous system .....	.	.	1	2	1	1	1	3	1	.	4	.	14
33. Tuberculosis of the intes- tines and peritoneum ...	1	1	.	1	.	.	.	.	.	.	.	.	3
34. Tuberculosis of the verte- bral column .....	.	1	.	.	.	.	.	.	.	.	.	.	1
35. Tuberculosis of the joints ..	.	.	.	.	.	.	.	.	.	.	.	.	.
36. Tuberculosis of other or- gans:	.	.	.	.	.	.	.	.	.	.	.	.	.
(a) Tuberculosis of the skin and subcutaneous cellular tissue .....	.	.	.	.	.	.	.	.	.	.	.	.	.
(b) Tuberculosis of the bones (vertebral column excepted) .....	.	.	.	.	.	.	.	.	.	.	.	.	.
(c) Tuberculosis of the lymphatic system (mesen- teric and retroperitoneal glands excepted) .....	.	.	.	.	.	.	.	.	.	.	.	.	.
(d) Tuberculosis of the genitourinary system ....	.	1	.	1	.	.	.	.	.	.	.	.	2
(e) Tuberculosis of organs other than the above ....	.	.	.	.	.	.	.	.	.	.	.	.	.
37. Disseminated tuberculosis.	.	.	.	.	.	.	.	.	.	.	.	.	.
(a) Acute .....	.	.	.	.	.	.	.	.	.	.	.	.	.
(b) Chronic .....	.	.	.	.	.	.	.	.	.	.	.	.	.
38. Syphilis .....	1	.	.	.	.	.	1	.	.	.	.	.	2
39. Soft chancre .....	.	.	.	.	.	.	.	.	.	.	.	.	.
40. Gonococcus infection .....	.	.	.	.	.	.	.	.	.	.	.	.	.
41. Purulent infection, septice- mia .....	1	3	.	2	2	.	1	.	.	1	.	.	10
42. Other infectious diseases ..	.	.	.	.	.	.	.	.	.	.	.	.	.

II General Diseases Not In-  
cluded Above

43. Cancer and other malign- ant tumors of the buc- cal cavity .....	.	.	1	.	.	1	.	1	.	.	.	.	3
44. Cancer and other malign- ant tumors of the sto- mach and liver .....	4	1	2	3	3	1	3	3	.	4	8	2	34

[illegible]

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
II	(Continued)													
	(a) Leukemia .....			1					1				1	3
	(b) Hodgkin's disease ..		1											1
66.	Alcoholism (acute or chronic) .....					1	1				2			4
67.	Chronic poisoning by mineral substances:													
	* (a) Chronic lead poisoning .....													
	* (b) Others under this title .....													
68.	Chronic poisoning by organic substances .....		1											1
69.	Other general diseases ...		0									1		1
111.	Diseases of the Nervous System and of the Organs of Special Sense													
70.	Encephalitis ..													
71.	Meningitis (does not include meningitis specified as meningococcic, tuberculous, rheumatic, etc.):													
	* (a) Simple meningitis ..							2		1	1			4
	* (b) Nonepidemic cerebro-spinal meningitis ...													
72.	Tabes dorsalis (locomotor ataxia) .....			1		1								2
73.	Other diseases of the spinal cord .....				1									1
74.	Cerebral hemorrhage, apoplexy:													
	(a) Cerebral hemorrhage	13	13	15	10	15	10	14	11	6	14	8	5	134
	(b) Cerebral thrombosis and embolism .....	2												2
75.	Paralysis without specified cause:													
	(a) Hemiplegia .....			1		1								2
	(b) Others under this title .....													
76.	General paralysis of the insane .....	1						1						2
77.	Other forms of mental alienation .....													
78.	Epilepsy .....	1						1				1		3
79.	Convulsions (nonpuerperal) (5 years or over) ..													
80.	Infantile convulsions (under 5 years of age) ..	1	1	5	1	1								9

[illegible]



CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
V	(Continued)													
99.	Bronchitis:													
	(a) Acute .....	2	.	1	1	1	.	.	1	.	1	.	1	8
	(b) Chronic .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(c) Not otherwise defined (under 5 years of age) ..	.	.	.	.	.	.	.	.	.	.	.	.	.
	(d) Not otherwise defined (5 years and over) .....	.	.	.	.	.	.	.	.	.	.	.	.	.
100.	Bronchopneumonia (in- cluding capillary bronchi- tis):	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (a) Bronchopneumonia .	24	27	25	17	7	4	1	3	4	7	6	18	143
	* (b) Capillary bronchitis	.	.	.	.	.	.	.	.	.	.	.	.	.
101.	Pneumonia:	.	.	.	.	.	.	.	.	.	.	.	.	.
	(a) Lobar .....	5	5	6	7	6	2	.	.	.	.	1	9	41
	(b) Not otherwise defined	.	.	.	.	.	.	.	.	.	.	.	.	.
102.	Pleurisy .....	.	.	.	.	.	.	1	.	.	1	.	.	2
103.	Congestion and hemor- rhagic infarct of the lung	.	1	1	2	4	.	2	.	.	1	.	2	13
104.	Gangrene of the lung ....	.	.	.	.	.	.	.	.	.	.	.	.	.
105.	Asthma .....	.	.	.	.	.	.	.	.	.	.	1	.	1
106.	Pulmonary emphysema ....	.	.	.	.	.	.	.	.	.	.	.	.	.
107.	Other diseases of the respi- ratory system (tuberculo- sis excepted):	.	.	.	.	.	.	.	.	.	.	.	.	.
	(a) Chronic interstitial pneumonia, including oc- cupational diseases of the lung .....	.	.	.	.	.	.	.	.	.	.	.	2	2
	(b) Diseases of the media- stinum .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	(c) Others under this title	.	.	.	.	.	.	.	.	.	.	.	.	.
VI.	Diseases of the Digestive System													
108.	Diseases of the mouth and annexa .....	.	.	.	.	.	.	.	.	.	.	.	.	.
109.	Diseases of the pharynx and tonsils (including adenoid vegetations):	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (a) Adenoid vegetations .	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (b) Others under this title	2	.	.	.	.	.	.	.	.	.	.	1	3
110.	Diseases of the esophagus	.	.	.	.	.	.	.	.	.	.	.	.	.
111.	Ulcer of the stomach and duodenum:	.	.	.	.	.	.	.	.	.	.	.	.	.
	(a) Ulcer of the stomach .	1	.	1	.	.	2	1	1	.	.	1	2	9
	(b) Ulcer of the duodenum	.	.	.	.	.	.	.	.	.	.	.	.	.
112.	Other diseases of the stom- ach (cancer excepted) ..	.	.	.	1	.	1	.	.	.	.	.	.	2



CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
VI	(Continued)													
113.	Diarrhea and enteritis (under 2 years of age) ..		6	2	1	1	2	2	6	7	3	1	4	35
114.	Diarrhea and enteritis (2 years and over) .....	3				1			2					6
115.	Ankylostomiasis .....													
116.	Diseases due to other intestinal parasites:													
	(a) Cestodes (hydatids of the liver excepted) .....													
	(b) Trematodes .....													
	(c) Nematodes (other than ankylostoma) .....													
	(d) Coccidia .....													
	(e) Other parasites specified .....													
	(f) Parasites not specified .....													
117.	Appendicitis and typhilitis	1		3			1	4	1			1		11
118.	Hernia, intestinal obstruction:													
	(a) Hernia .....				1			1						2
	(b) Intestinal obstruction	2	1	1			1		2	2				9
119.	Other diseases of the intestines .....											1		1
120.	Acute yellow atrophy of the liver .....													
121.	Hydatid tumor of the liver													
122.	Cirrhosis of the liver:													
	(a) Specified as alcoholic .....													
	(b) Not specified as alcoholic .....					2			2					4
123.	Biliary calculi .....								1					1
124.	Other diseases of the liver	1			1	1	1					1	1	6
125.	Diseases of the pancreas ..													
126.	Peritonitis without specified cause .....		2					1	1					4
127.	Other diseases of the digestive system (cancer and tuberculosis excepted) ..													
VII.	Nonvenereal Diseases of the Genitourinary System and Annexa													
128.	Acute nephritis (including unspecified under 10 years of age) .....	2						2	1			1		6
129.	Chronic nephritis (including unspecified 10 years and over) .....	5	4	4	6	10	4	7	5	1	7	6	4	63

## CAUSE OF DEATH

## VII (Continued)

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
130. Chyluria .....	.	.	.	.	.	.	.	.	.	.	.	.	.
131. Other diseases of the kidneys and annexa (diseases of the kidneys in pregnancy excepted) .....	.	.	.	.	.	.	.	.	.	.	.	.	.
132. Calculi of the urinary passages .....	.	.	.	.	.	1	1	.	.	.	.	.	.
133. Diseases of the bladder ..	.	.	.	.	.	.	.	.	1	.	.	.	1
134. Diseases of the urethra, urinary abscess, etc.: (a) Stricture of the urethra .....	.	.	.	.	.	.	.	.	.	.	.	.	.
(b) Others under this title.	.	.	.	.	.	.	.	.	.	.	.	.	.
135. Diseases of the prostate ..	.	.	.	.	1	.	.	.	.	.	.	.	1
136. Nonvenereal diseases of the male genital organs ....	.	.	.	.	.	.	.	.	.	.	.	.	.
137. Cysts and other benign tumors of the ovary .....	.	.	1	.	.	.	.	.	.	.	1	.	2
138. Salpingitis and pelvic abscess .....	.	.	.	.	.	.	.	.	.	.	.	.	.
139. Benign tumors of the uterus .....	.	.	.	.	.	.	.	1	.	.	.	.	1
140. Nonpuerperal uterine hemorrhage .....	.	.	.	.	.	.	.	.	.	.	.	.	.
141. Other diseases of the female genital organs ....	.	.	.	.	.	.	.	.	.	.	.	.	.
142. Nonpuerperal diseases of the breast (cancer excepted) .....	.	.	.	.	.	.	.	.	.	.	.	.	.

## VIII. The Puerperal State

143. Accidents of pregnancy:	.	.	.	.	.	.	.	.	.	.	.	.	.
(a) Abortion .....	.	.	.	.	.	.	.	.	.	.	.	.	.
(d) Ectopic gestation ....	.	.	.	.	.	.	.	.	.	.	.	.	.
(c) Others under this title	.	.	.	.	.	.	.	.	.	.	.	.	.
144. Puerperal hemorrhage ...	.	.	.	.	.	.	.	1	1	.	.	.	2
145. Other accidents of labor:.	.	.	.	.	.	.	.	.	.	.	.	.	.
* (a) Cesarean section ...	.	.	.	.	.	.	.	.	.	.	.	.	.
* (b) Other surgical operations and instrumental delivery .....	.	.	.	.	.	.	.	.	.	.	.	.	.
* (c) Others under this title .....	.	.	.	.	.	.	.	.	.	.	.	.	.
146. Puerperal septicemia ....	.	.	.	.	.	.	.	.	.	.	.	.	.
147. Puerperal phlegmasia alba dolens, embolus, sudden death .....	.	.	.	.	.	.	.	.	1	.	1	.	2



[illegible]

CAUSE OF DEATH		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
XIV	(Continued)													
187.	Accidental traumatism by machines .....	.	.	.	.	.	.	.	.	.	.	.	.	.
188.	Accidental traumatism by other crushing (vehicles, railways, landslides, etc.)	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (a) Railroad accidents ..	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (b) Street car accidents ..	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (c) Automobile accidents ..	.	.	.	.	4	2	1	.	.	.	.	.	7
	* (d) Aeroplane and balloon accidents .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (e) Injuries by other vehicles .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (f) Landslide, other crushing .....	.	.	.	.	.	.	.	.	.	.	.	.	.
189.	Injuries by animals (not poisoning) .....	.	.	.	.	.	.	.	.	.	.	.	.	.
190.	Wounds of war .....	.	.	.	.	.	.	.	.	.	.	.	.	.
191.	Execution of civilians by belligerent armies .....	.	.	.	.	.	.	.	.	.	.	.	.	.
192.	Starvation (deprivation of food or water) .....	.	.	.	.	.	.	.	.	.	.	.	.	.
193.	Excessive cold .....	.	.	.	.	.	.	.	.	.	.	.	.	.
194.	Excessive heat .....	.	.	.	.	.	.	.	.	.	.	.	.	.
195.	Lightning .....	.	.	.	.	.	.	.	.	.	.	.	.	.
196.	Other accidental electric shocks .....	.	.	.	.	.	.	1	.	.	.	.	.	1
197.	Homicide by firearms ....	.	.	.	.	.	1	.	.	.	.	.	.	1
198.	Homicide by cutting or piercing instruments ...	.	.	.	.	.	.	.	.	.	.	.	.	.
199.	Homicide by other means ..	.	.	.	.	.	.	.	.	.	.	.	1	1
200.	Infanticide (murder of infants less than one year of age) ff .....	.	.	.	.	.	.	.	.	.	.	.	.	.
201.	Fracture (cause not specified) .....	.	.	.	.	.	.	1	.	.	.	.	1	2
202.	Other external violence (cause specified) .....	.	.	.	.	.	.	.	.	5	1	4	10	
203.	Other external violence cause not specified) ....	.	.	.	.	.	.	.	.	.	.	.	.	.
XV.	Ill-defined Diseases													
204.	Sudden death .....	.	.	.	.	.	.	.	.	.	.	.	.	.
205.	Cause of death not specified or ill-defined: .....	.	.	.	.	.	.	.	.	.	.	.	.	.
	* (a) Ill-defined .....	2	1	3	.	1	1	.	.	1	1	1	1	12
	* (b) Not specified or unknown .....	.	.	.	.	.	.	.	.	.	.	.	.	.
(This title to be omitted when homicides are shown by ages under Titles 197-199).														
		139	128	140	117	188	91	93	98	78	113	102	121	1342

Respectfully submitted,  
C. E. SUMNER, Clerk.



## BOARD OF HEALTH

L 40

## DEATHS BY AGES, 1924.

	JAN.		FEB.		MAR.		APR.		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Under 1 day .	4	1	0	0	5	2	1	5	2	3	4	1	1	0	2	3	3	1	2	1	1	1	4	2	29	20	
1-2 days . .	1	2	0	0	0	2	3	1	2	1	0	0	1	0	2	0	0	0	1	0	0	2	0	0	10	8	
2-3 days . .	1	0	2	1	0	1	3	1	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	9	4	
3 days-1 wk.	1	0	2	0	3	0	1	0	2	2	2	0	0	2	1	0	1	1	0	0	1	1	0	0	14	6	
1-2 wks. . .	0	3	1	3	2	0	0	0	2	1	0	1	1	0	1	0	0	1	2	1	0	0	2	0	11	10	
2-3 wks. . .	0	1	0	0	2	2	0	0	0	0	1	1	0	0	1	0	0	1	0	0	2	0	0	4	7		
3 wks.-1 mo.	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	2	1	1	0	1	0	0	0	2	6		
1-2 mos. . .	1	3	2	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	1	1	1	0	6	9		
2-3 mos. . .	2	1	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	1	0	2	1	6	5		
3-6 mos. . .	1	6	4	1	3	1	2	1	2	1	0	0	1	1	1	1	1	0	1	1	0	1	2	0	18	14	
6-9 mos. . .	1	0	3	0	4	1	0	1	1	0	0	0	0	0	2	1	1	1	1	0	1	2	0	1	16	6	
9-12 mos. . .	1	0	3	3	3	2	3	0	2	0	2	1	0	1	1	0	0	0	1	0	0	1	4	17	11		
1-2 yrs. . .	5	2	5	1	4	3	2	2	4	2	1	0	0	1	1	3	0	0	2	0	1	2	0	1	25	17	
2-3 yrs. . .	1	3	1	0	3	0	0	1	3	0	1	0	0	1	2	0	0	0	0	0	0	0	0	0	11	5	
3-4 yrs. . .	2	0	0	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	4	0	7	5	
4-5 yrs. . .	4	0	0	0	0	0	3	1	0	0	0	1	0	1	0	0	0	1	0	1	0	1	0	0	7	6	
5-10 yrs. . .	0	0	0	1	4	0	1	2	1	0	1	1	0	1	1	0	0	0	1	0	0	0	5	1	14	6	
10-15 yrs. . .	2	0	0	1	1	0	2	0	1	0	1	4	1	1	1	1	1	0	1	0	2	0	0	0	13	7	
15-20 yrs. . .	2	1	1	1	1	0	0	2	2	1	0	3	2	0	0	5	3	1	1	2	0	1	0	3	12	20	
20-25 yrs. . .	0	1	3	2	1	1	0	2	0	0	5	3	1	0	0	1	1	1	1	1	1	2	3	1	16	15	
25-30 yrs. . .	1	0	3	2	1	2	0	4	1	3	2	0	2	0	0	2	2	3	2	3	1	0	0	2	15	21	
30-35 yrs. . .	1	3	3	2	0	0	2	2	4	1	1	2	5	3	1	1	3	2	0	3	3	1	0	1	23	21	
35-40 yrs. . .	0	1	3	4	1	1	3	0	0	2	2	1	1	2	1	1	3	1	4	2	3	3	2	2	23	20	
40-45 yrs. . .	2	4	3	1	3	5	4	5	4	2	1	2	3	2	3	0	1	2	3	2	5	4	4	2	36	31	
45-50 yrs. . .	2	5	5	1	2	0	2	4	3	1	1	0	2	2	4	2	1	4	3	2	3	1	6	7	34	29	
50-55 yrs. . .	4	5	7	1	6	4	1	2	4	6	2	2	7	4	3	4	3	1	6	2	2	1	2	4	47	36	
55-60 yrs. . .	3	5	6	3	3	8	1	2	3	1	4	5	3	3	1	4	3	2	5	3	4	3	5	7	41	46	
60-65 yrs. . .	3	4	4	2	6	3	6	3	6	3	6	4	3	4	4	6	3	2	4	1	6	4	9	2	3	45	50
65-70 yrs. . .	3	4	3	3	4	7	6	8	10	7	5	1	0	7	4	3	2	4	5	3	5	6	1	5	48	58	
70-75 yrs. . .	6	4	3	6	5	5	3	5	3	3	6	3	5	1	4	0	0	8	3	3	2	4	4	50	36		
75-80 yrs. . .	3	10	4	6	5	5	4	4	3	4	1	2	3	3	4	4	5	1	7	6	1	5	1	6	41	56	
80-85 yrs. . .	4	2	2	3	3	3	1	1	3	6	1	2	3	3	0	3	2	1	3	3	2	3	0	7	24	37	
85-90 yrs. . .	2	1	2	0	2	1	0	2	1	2	1	2	0	2	1	1	2	2	1	1	0	0	1	1	13	15	
90-95 yrs. . .	1	3	0	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	1	9	
95-100 yrs. .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
100+ . .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
? . .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Whole No. . .	139	128	140	117	112	91	93	98	78	113	102	121	1342														
male female	64 75	75 53	77 63	55 62	66 56	49 42	47 46	51 47	41 37	64 49	45 57	55 66	689 653														
Stillborn . .	13	2	8	4	14	8	3	1	7	7	11	4	6	8	13	3	3	4	7	8	9	7	2	9	96	65	
White . .	58 69	69 51	67 58	52 56	60 52	48 36	45 45	46 46	35 35	61 47	41 52	50 62	632 609														
Colored . .	6	6	6	2	10	5	3	6	6	4	0	6	2	1	5	1	5	3	4	1	4	5	3	6	55	46	
Yellow . .																											
Non Resident	2	3	1	2	6	0	3	4	1	1	5	2	5	2	0	3	2	2	2	7	5	2	3	3	35	31	

Estimated Population Dec. 1, 1924, 136, 966

Other non-residents deaths 66

General death rate 9.79

Adjusted death rate 9.31

Respectfully submitted,

ELIZABETH E. SUMNER.  
Clerk.



## REPORT OF DIRECTOR OF FIELD WORK

January 2, 1925.

*To the Board of Health,*

Gentlemen:

I herewith submit my report for the year ending December 31st, 1924.

During the year our staff of nurses doing infant welfare work was increased from eight to ten by the addition of a supervisor and a floating nurse. The duty of the floating nurse was to supplement the work of the nurses in the field by helping in one district or another as her services were required. In order to cover the entire field now open to us there should be at least nine nurses besides the supervisor. The population in the north end of our city has increased considerably in the last three years and it is now impossible one nurse to cover effectively district number one, which extends from Nash Road northward to the city's limits. This is not a densely populated section but the number of infants in it is large and the homes in many cases are far removed one from another. There should also be a floating nurse employed during the summer months to help in the thickly congested districts where the services of a nurse are particularly needed.

There were 3169 births during the year and 247 deaths, giving a mortality rate of infants under one year of 77.94, the lowest in the history of our city. One half of the gain over 1923 was made during the first three months of the year. This, I think, shows that the low mortality rate is not due to any particular method of doing the work. What then are the chief factors that account for such a gain over past years? Perhaps the nursing service furnished the community by the Board is the most important one, though one cannot feel too sure of this. Doubtless many children have been saved through the work of our nurses but it is difficult to estimate the relative value of their work under the conditions that existed in our city during the past year. It was a year free from epidemics that would tend to raise the mortality rate for infants, and the general health of the people was unusually good. This may mean that both infants and adults had, for some reason unknown to us, a resistance to disease greater than usual. Some general cause seems to have been working

as 1924 was a good health year throughout the entire registration area.

No doubt the limitation of immigration also helped to keep our death rate low. Under former conditions the large influx each year of mothers of foreign birth added greatly to the difficulties of our work. We are now having a better chance to effectively teach the foreign born mothers how to take care of their children properly.

An important factor grew out of what, from an economic point of view, was a great calamity, — the industrial depression. Never before has New Bedford known such curtailment of work in our mills. This resulted in decrease of income for the workers but it was a blessing to the infants born during the depression as it gave to them their mother's care during the most helpless and perilous period of their lives. The greatest handicap in our work for the reduction of infant mortality grows out of the fact that when work in our mills is available mothers wean their children as soon as possible, leave them in the care of some relative or board them out and go back to work. The children naturally suffer, and too often sicken and die.

Another helpful factor in our work during 1924 has been the milk supplied to infants and nursing mothers by contributions made by the Rotary Club, the New Bedford Order of Elks, and the Portuguese Auxiliary Society. The money given jointly by these organizations has amounted to more than seven hundred dollars. This fund has enabled us to supply to many needed mothers the milk they could not otherwise have gotten for the formulas prescribed by the physicians caring for their infants.

Our nurses engaged in Infant Welfare work made 35,914 visits during the year. We are now holding seven clinics each week and the attendance at the clinics was 8,570. This large attendance was in part due to the unusually good weather that prevailed during the autumn and early winter. It is also an expression of appreciation on the part of mothers of the help the clinics are to them.

Our nurses engaged in T. B. work have continued their customary labours, and besides attendance at our three weekly clinics made 6,767 visits to the homes of persons receiving follow-up care. Wherever work has been done for the control of pulmonary tuberculosis, there has been a marked decline in

the death rate resulting from this form of the disease. In view of what has been accomplished during the last twenty years it is reasonable to look forward to the time when success will be attained in combatting the great White Plague like unto that which has followed the attempt to control typhoid fever.

As through the past, the greatest need for the effective control of pulmonary tuberculosis is early diagnosis and proper treatment. In order that the disease may be detected in its incipency clinics are now being held under the supervision of the State Board of Health in the schools throughout the Commonwealth. Two such clinics were held for underweight and contact cases in two of our parochial schools. One hundred and thirty children were examined. As a result of these examinations not only were cases of hilum tuberculosis picked up, but other defects were found that needed attention.

The seven dental hygienists employed by the Board have been able to give 23,512 prophylactic treatments to the children in the primary grades of our public and parochial schools. Besides this work they have cared for the teeth of the children at Sole Mar, Sassaquin and St. Mary's Home. Through the persuasion of our dental hygienists 3,230 children who had no toothbrushes were induced to buy them and begin to use them. Special attention is being given at our dental clinics and by our dental hygienists to the six-year molars. Our hygienists used the silver nitrate treatment on 9,780 six-year molars. We still need help to properly care for these important teeth and we hope that an additional dentist will be employed by the Board in the near future.

The work done at the three dental clinics under the supervision of Dr. John J. Gibbons is shown by his report.

The parochial school nurses have been kept busy with their routine work, visiting the schools and doing follow-up work in the homes to see that physical defects discovered by the physicians are properly cared for. Now, every parochial school is provided with scales and the children attending them are being regularly weighed and their weights are recorded on class-room weight charts. It is gratifying to find that as new school buildings are erected to replace old ones special provision is being made for the health work to be done in them.

During the year from time to time I have been called upon

to tell of the work the Board is doing and to speak on the control of communicable diseases and infant welfare in the schools and before various organizations that have expressed an interest in these matters.

Respectfully submitted,

WILLIAM B. GEOGHEGAN

Director of Field Work

### REPORT OF MEDICAL INSPECTOR

New Bedford, Jan. 1, 1925

*To the Board of Health,*

Gentlemen:

My report as medical inspector and attending physician to contagious cases is herewith submitted:

Cultures taken	252
Scarlet Fever Releases	242
Typhoid Fever investigations	18
Diagnosed cases of T. B.	62
Investigated 108 cases	

Made 131 calls to sick babies under 1 year of age and 53 calls to other patients.

Signed 5 certificates death, there being no attending physician at time of death.

Respectfully submitted,

A. N. SENESAC, M. D.

Medical Inspector

## REPORT OF BACTERIOLOGIST

New Bedford, January 1, 1925.

*To the Board of Health:**Gentlemen:—*

I herewith submit my report for the year ending December 31st, 1924:

*Diphtheria:*

Whole number of cultures examined	413
Whole number of cultures positive	102
Whole number of cultures negative	308
Whole number of cultures unsatisfactory	3

*Tuberculosis Pul: ,*

Whole number of specimens examined	132
Whole number of specimens positive	31
Whole number of specimens negative	91
Whole number of specimens unsatisfactory	10

*Tuberculosis Pul., Sassaquin Sanatorium:*

Whole number of specimens examined	118
Whole number of specimens positive	76
Whole number of specimens negative	34
Whole number of specimens unsatisfactory	8

*Typhoid Fever:*

Whole number Widal reaction	18
Whole number positive	11
Whole number negative	7

*Gonococcus — Smear:*

Whole number, Clinic	85
Whole number, Office	18

Respectfully submitted,

A. H. MANDELL, M. D.

Bacteriologist.

## REPORT OF OCULIST

New Bedford, Mass. Jan. 1, 1925

*To the Board of Health:*

Gentlemen:

I herewith submit the following report as oculist to the Board of Health for the year 1924.

Number of Visits	1591
Number of Cases of Ophthalmia Neon.	30
Number of Cases of Suppurative Conj.	73
Number of Cases of the diseases of the eyes	1488

All cases have resulted in no impairment of vision.

Respectfully submitted,

ALPHONSE NORMANDIN, M. D.

Oculist.



## REPORT OF THE VENEREAL DISEASE CLINIC

New Bedford, Jan. 1, 1925:

*To the Board of Health,*

Gentlemen,

I hereby submit my report as Chief of the Venereal Disease Clinic.

New Admissions	Male	Female
Syphilis	120	68
Gonococcus Infection	117	15
Re-Admitted	14	
	<hr/>	<hr/>
Total Admissions	251	83
Number of patients discharged.		
Probably cured		74
With permission		101
Without permission		57
		<hr/>
		182
Number of visits for	Male	Female
treatment and advice	6000	2514
Number of Sulpharsphenamine		
treatments	1312	746
Number of Wasserman tests	254	109
Smears for the Gonococcus	85	
Patients referred to St. Lukes Hospital Clinic,		
Tuberculosis Clinic, and various Social Agencies.		

Respectfully submitted,

A. H. MANDELL, M. D.  
Chief of Clinic

## REPORT OF TUBERCULOSIS CLINIC

New Bedford, Mass. Jan. 1, 1925

*To the Board of Health,*

Gentlemen:

I herewith submit my annual report as Chief of the  
Tuberculosis Clinic:

Number Patients Examined	2552
Number Re-examinations	2000
Number of New Pulmonary Cases	98
Number Suspicious Cases	79
Not Tuberculosis	82
Other Forms of T. B.	370
Sanatorium Treatment Advised	118
Home Treatment Advised	9
Referred to Public Health Nurses	122
Arrested Cases	98
Lamp Treatment Given	50

JOHN M. WISE, M. D.

Chief of Clinic.

## DENTAL CLINICS

New Bedford, Mass. January 1, 1925

*To the Board of Health,*

Following is a summary of the work performed at the C. A. Cook Dental Clinic for the year ending December 31, 1924:

Fillings-Amalgam	1161
Sterident and Amalgam	230
Copper Cement	101
Cement	71
Synthetic	251
Oxpara and points	18
Treatments	220
Howe Silver treatments	49
Cleanings	43
Extractions - temporary teeth	2567
permanent teeth	255

Respectfully submitted,

MRS. FLORENCE P. PERRY,

Dental Assistant.

Dr. John Gibbons, Supervisor.

New Bedford, Mass. January 1, 1925

*To the Board of Health,*

*Gentlemen:*

Following is a summary of the work performed at the Robert C. Ingraham School Dental Clinic for the year ending December 31, 1924:

Fillings-Amalgam	684
Amalgam and Cement	125
Cement	212
Eugenol and Amalgams	151
Eugenol	283
Treatments	73
Howes treatment, cement and amalgam	7
Silver Nitrate	81
Oxpara Points Cement filling	2
Howes treatment, Dentinoid, cement and amalgam	1
Howes treatment, Zinc Oxide	1
Oxpara Points Sterling Cement	2
Dentinoid, Sterling Cement	1
Eugenol and Cement	3
Dentinoid and Cement	3
Extractions — temporary teeth	1039
permanent teeth	132

Respectfully submitted,

BLANCHE A. ELLIS,

Dental Assistant.

Dr. John Gibbons, Supervisor

New Bedford, Mass., January 1, 1925

*To the Board of Health,*

Gentlemen:

Following is a summary of the work performed at the John H. Clifford School for the year ending December 31, 1924:

Fillings-Amalgam	2875
Cement	342
Synthetic	163
Gutta Percha	41
Total Treatments	9911
Howe Silver treatments	1730
Sterident	151
Formacresol	57
Carbolic	54
Carbol Eugenol	12
Iodine	42
Cloves	14
Anodyne	14
Zinc Oxide	4
Prophylaxis	61
Fractured Jaw	1
Treatments	22
Extractions — temporary teeth	3774
permanent teeth	543

Respectfully submitted,

LOUISE JOURDAIN, D. H.,

Dental Assistant

Dr. John Gibbons, Supervisor.

## REPORT OF INSPECTOR OF MILK

New Bedford, Jan. 1, 1925

*To the Board of Health,*

Gentlemen:

I herewith submit my report as Inspector of Milk for the year ending December 31, 1924. February 1, 1924 full time milk inspection work was inaugurated, this to include inspections of dairy farms and milk plants. The force consists of one inspector of milk and one dairy farm inspector.

Producers permits have been issued. A record is kept of every farm producing milk for this market, and conditions are noted from time to time. In this way a check up on all places producing milk is kept, the same being true as to plants from which the milk is distributed.

During the year there have been conferences and lectures which have been well attended by the milk dealers.

Inspections of dairy farms during the year   2725

Inspections of milk plants during the year     365

During the year there have been issued 751 licenses to sell milk and 55 licenses to sell oleomargarine, for which the legal fee of fifty cents was collected and paid to the city treasurer as per his receipt for same on file.

Respectfully submitted,

C. S. STIRRETT, D. V. M.,

Inspector of Milk and Provisions.



## REPORT OF INSPECTOR OF MILK AND PROVISIONS.

New Bedford, January 1, 1925.

*To the Board of Health,*

Gentlemen:

My report as Inspector of Milk and Provisions is herewith submitted:

Early in the year granting of licenses to sell milk was taken over by Dr. Stirrett, and I was thereby relieved of that responsibility, leaving me to devote my time to the testing of milk for added water, and a close inspection of bakeries and markets.

Of the samples of milk tested only a small proportion of the supply coming, as it does, from Holstein cattle, runs very close to standard, and, in many cases, just under rather than over. Only the cattle of the Jersey Guernsey and mixed type will produce milk much above the state standard.

The bakeries have been looked after more closely than ever, and various conditions, such as toilet arrangements, care of flour, and window display, have been made to conform to law. Every now and then a new bakery is found established in some building fitted for a store, with toilet and other conditions not complying with law, and a change is ordered and carried out, whereby the law will be obeyed. While the law provides that no new bakery shall be established without the Board of Health first approving the plans, many people start without notifying the Board at all, and only when an inspection is made is the condition found and remedied. This has a tendency to keep conditions below par but gradually it will be overcome as the bakeries get better acquainted with the law and start no new bakery without first consulting the Board of Health.

The sausage factories have all been inspected before a license has been granted by the Board of Aldermen, and from time to time throughout the year as occasion required. The cold storage plant has been inspected as required, and conditions found to be all right.

The wholesale meat shops have all been inspected as well as conditions in retail stores kept under supervision.

H. B. HAMILTON,

Inspector of Milk &amp; Provisions.

## REPORT OF INSPECTOR OF SLAUGHTERING

New Bedford, Jan. 1, 1925

*To the Board of Health,*

Gentlemen:

The following is my report as Inspector of Slaughtering for the year ending Dec. 31, 1924.

Number of beef cattle slaughtered	385
Number of calves slaughtered	1,007
Number of hogs slaughtered	51

Of the beef cattle 16 were condemned because of tuberculosis, and 2 because they were unfit for food; 1 calf was condemned because of tuberculosis.

Respectfully submitted,

EDGAR E. CORY,

Inspector.

## REPORT OF PUBLIC VACCINATOR

New Bedford, Jan. 1, 1925

*To the Board of Health:*

Gentlemen:

I herewith submit my report for the year ending December 31, 1924:

During the year I have vaccinated 2600 school children, all but 250 having been vaccinated in the rooms of the department. Visits were made to St. Anne's and Holy Rosary parochial schools, where 250 school children were vaccinated, taking only those who did not show well-defined scarification mark.

Yours respectfully,

L. K. DORAN, M. D.,

Public Vaccinator.

REPORT OF PORT PHYSICIAN.

New Bedford, January 1, 1925.

*To the Board of Health:*

Gentlemen;

I would report that during the past year I have boarded and inspected fifteen vessels and vaccinated two hundred sixty seven persons.

Respectfully,

EDMOND F. CODY,

Port Physician.

---

REPORT OF INSPECTORS OF PLUMBING

New Bedford, Mass. Jan. 1, 1925

*To the Board of Health,*

Gentlemen:

Following is the work performed by the Inspectors of Plumbing for the year ending December 31, 1924.

Inspections of Plumbing, including investigations of nuisances, defective plumbing and relief valves 5.826.

Respectfully submitted,

WILLIAM DEACON,

ERNEST PARKER,

Inspectors of Plumbing

REPORT OF SUPERINTENDENT OF  
GARBAGE DISPOSAL PLANT

New Bedford, January 1, 1925.

*To the Board of Health,*

Gentlemen:

I herewith submit my report for garbage disposal for the year ending December 31, 1924.

Amount of garbage received	12408 tons.
Average per day	40.03 tons
Number of days plant operated	298
Estimated population	136,966
Pounds per capita	181.8lbs.
Actual cost of disposal	\$2.48 per ton

## RECOVERIES

Sale of animal bones	\$240.23
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Respectfully submitted,

A. M. THRESHER, Supt.



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IN BOARD OF ALDERMEN

June 11, 1925

Received, ordered printed  
in the city documents, and  
sent down for concurrence.

RODOLPHUS A. SWAN  
City Clerk

IN COMMON COUNCIL  
June 11, 1925

Concurred.

RUTH G. HILTON,  
Clerk.

Attest:

RODOLPHUS A. SWAN  
City Clerk.









**Annual Report**

**OF THE**

**Inspector of Animals**

**TO THE CITY COUNCIL**

**For the Year 1924**



New Bedford, Mass.  
REYNOLDS THE PRINTER  
1925



CITY OF NEW BEDFORD

---

IN BOARD OF ALDERMEN,

January 15, 1925.

Received, ordered printed in the City Documents and  
sent down for concurrence.

RODOLPHUS A. SWAN,  
City Clerk.

---

IN COMMON COUNCIL,

January 15, 1925.

Concurred.

RUTH G. HILTON,  
Clerk.

*To His Honor, the Mayor, and Board of Aldermen,*

Gentlemen :

My report as Inspector of Animals is herewith submitted.

The regular inspection of all cattle, swine, sheep and goats as ordered by the Director of the Division of Animal Industry, was made during January and February, and a detailed report sent to the Boston office as to health of cattle, stabling conditions, etc. There were at that time 195 dairy cattle, 34 young cattle, 4 bulls, 108 swine, and some dozen goats, all in a healthy condition, and with very few exceptions well housed. Only one animal has been quarantined during the year, a horse that had come from some auction in Rhode Island, brought over here without a permit from the Division of Animal Industry, and showing symptoms of Glanders. A test with Mallein was made, to which he did not react, and he was released. No Rabies has occurred among the dogs of the city during the year. Foot and Mouth disease which broke out in California during the year was stamped out before spreading far enough east to affect us.

No Tuberculosis among our cattle has been reported.

H. B. HAMILTON, V.S.,

Inspector of Animals.



**Annual Report**

OF THE

**Inspector of Wires**

**TO THE CITY COUNCIL**

**For the Year 1924**



REYNOLDS THE PRINTER  
New Bedford, Mass.  
1925



# ANNUAL REPORT

---

New Bedford, January 9, 1925.

To His Honor the Mayor and City Council of the City of  
New Bedford:

Sirs:—I respectfully submit my annual report of this  
department, from November 30, 1923 to December 1, 1924.

## INSPECTION OF INSIDE WIRING.

During the year have made 7885 inspections.

Have issued to the New Bedford Gas & Edison Light Co.,  
3268 permits to connect electric services.

Sent out the contractors and property owners 2119 reports  
on defective wiring.

Have issued 2700 certificates on rough work.

## REMOVAL OF OVERHEAD WIRES AND CONSTRUCTION.

On January 7, 1924 after a meeting of the Inspector of  
Wires, City Engineer and Superintendent of Streets, the  
following letter was sent to the Mayor and Board of Al-  
dermen:—

To His Honor the Mayor and Board of Aldermen:

Gentlemen:

The undersigned met on January 7, in accordance with  
section 3, chapter 335 of the acts of 1914 and voted to



recommend the following streets to you for action in ordering the removal of poles and wires this year.

Maxfield St. ....	County to Cottage .....	785 ft.
Sycamore St. ....	County to Cottage .....	800 ft.
Smith St. ....	County to Cottage .....	855 ft.
Campbell St. ....	County to Cottage .....	955 ft.
Willis St. ....	County to Cottage .....	1040 ft.
Parker St. ....	County to Cottage .....	970 ft.
Pope St. ....	County to Cottage .....	945 ft.
Chestnut St. ....	Hillman to Pope .....	1705 ft.

Total .....	8055 ft.
-------------	----------

Very truly yours,

WM. P. BRIGGS, Insp. of Wires,  
 GEORGE H. NYE, City Engineer,  
 HORACE BORDEN, Supt. of Streets.

City of New Bedford,

In Board of Aldermen.

February 13, 1924.

WHEREAS, under the provisions of Chapter 335 of the Acts of 1914, due notice has been given and a hearing has been held by this Board, it is hereby

ORDERED, that all telegraph, telephone, electric lights, electric motor or power, and all other wires, cables and conductors in and above the hereinafter designated streets, and all poles and structures in said streets used for the support of the same, excepting such structures, poles, cables, wires and conductors as are excepted by said Chapter 335, Acts of 1914, shall be removed within the time named in said chapter, or that said wires, cables or conductors shall be placed, maintained and operated in underground conduits.

Locations for said underground conduits shall be petitioned for in accordance with the provisions of Chapter 335, Acts of 1914, and all acts in addition thereto or amendment thereof.

The streets or parts of streets designated and affected by this order are as follows, to wit:

Maxfield St. ....	County to Cottage .....	785 ft.
Sycamore St. ....	County to Cottage .....	800 ft.
Smith St. ....	County to Cottage .....	855 ft.
Campbell St. ....	County to Cottage .....	955 ft.
Willis St. ....	County to Cottage .....	1,040 ft.
Parker St. ....	County to Cottage .....	970 ft.
Pope St. ....	County to Cottage .....	945 ft.
Chestnut St. ....	Hillman to Pope .....	1,705 ft.
Total .....		8,055 ft.

The City Clerk is hereby directed to serve notice of the adoption of this order upon the owners of all wires, cables or conductors in and above said streets, and all poles and structures in said streets for the support of the same, by mailing to each of said owners, by United States registered letter mail an attested copy of this order

And the City Clerk is hereby further directed to cause this order to be recorded in the Book of Location Order Records, as provided in Chapter 509, Acts of 1911, and to furnish a copy of this order to the Inspector of Wires, the City Engineer and the Superintendent of Streets of the City of New Bedford

IN BOARD OF ALDERMEN,

February 13, 1924.

Adopted,

RODOLPHUS A. SWAN,  
City Clerk.

Presented to the Mayor for approval, February 14, 1924.

RODOLPHUS A. SWAN,  
City Clerk.

Approved, February 14, 1924.

WALTER H. B. REMINGTON,  
Mayor.

Attest:

RODOLPHUS A. SWAN,  
City Clerk.

### OUTSIDE WORK

During the year I have investigated and reported to the Mayor and Board of Aldermen on 525 petitions of wire using companies, involving 2108 poles and 47 conduit petitions.

### POLICE SIGNAL SYSTEM

During the year one police box has been relocated and five new boxes have been added to the system. To accomplish this work there has been 4600 feet of overhead line built. One box pedestal has been set with connecting conduit in order to connect one new box by underground cable. New underground cable has been installed extending into the west section of the city to take care of growth in that direction, for a distance of 4205 feet. Some of this work being a replacement of smaller cable.

This year a contract was awarded for the installation of a new police desk and equipment to be installed in the north end police station in order to better care for this growing district and relieve traffic on the apparatus at police headquarters. This work was started later in the year being completed and placed in operation on November twentieth. The north station installation required the laying of 82 feet of underground conduit and installing and connecting 1561 feet of underground cable to connect with

present circuits. Cable installation this year has permitted the permanent removal of 700 feet of overhead wiring. There are eighty police boxes and two flashlights connected with the system. In every station there is a telephone connection permitting the ranking officers to talk directly with patrolmen at police boxes.

Very truly yours,

WM. P. BRIGGS,  
Inspector of Wires.



The Seventy-third Annual Report  
OF THE  
TRUSTEES  
OF THE  
FREE PUBLIC LIBRARY  
CITY OF NEW BEDFORD  
MASSACHUSETTS  
For the Year 1924



REYNOLDS THE PRINTER  
New Bedford, Mass.  
1925



# Officers of the Free Public Library

FOR THE YEAR 1925

Ex-Officio. Trustees. Terms expire January, 1925.  
EDWARD R. HATHAWAY .....Mayor of the City  
JOHN CATTERALL .....President of the Board of Aldermen  
EDWARD F. DELANEY .....President of the Common Council

*Elected by the City Council.*

CLARA S. HOUGH,	Term expires April, 1925
CHARLES M. HOLMES,	Term expires April, 1925
OTIS SEABURY COOK,	Term expires April, 1926
ABBOTT P. SMITH,	Term expires April, 1926
FRANK A. MILLIKEN,	Term expires April, 1927
ALICE P. SHOCKLEY,	Term expires April, 1927

*Committee.*

On Library .....MESSRS. MILLIKEN, HOLMES, and COOK.  
On Buildings .....MR. SMITH, and MRS. SHOCKLEY.  
On Finance MESSRS. HOLMES, CATTERALL, and DELANEY.  
On Branches MESSRS. COOK, CATTERALL and MRS. HOUGH.

*Librarian*

GEORGE H. TRIPP

*Assistant Librarian*

CLEMENT L. YAEGER

*Cataloguer.*

ANNA M. DEWOLF

*Librarian's Secretary.*

MINERVA F. MAXFIELD

*Heads of Departments.*

HELEN L. COWLES.....	Reference Librarian
JANE E. GARDNER.....	Art Librarian
JANE E. THUMAN.....	Children's Librarian
GRACE D. SHERMAN.....	Circulation
ALICE H. TRIPP.....	Genealogical Librarian

*Desk Attendants and Assistants.*

EDITH H. COBB.....	Ingraham Hall
EDITH H. BRODHEAD.....	Delivery Desk
L. GERTRUDE WILCOX.....	Accession and Delivery Desk
FLORENCE E. FARWELL.....	Catalogue and Delivery Desk
ETHEL WILCOX.....	Children's Room
HELEN S. KENNEDY.....	Accession Room
LENA D. PAULL.....	Accession and Delivery Desk
STELLA M. FERGUSON.....	Accession and Art Room
MARIA E. MAXFIELD.....	Catalogue and Art Room

*Branches*

North.....	ELSIE COLLINS, AMANDA DION
South.....	CAROLINE AKIN, OLIVE SYLVIA, SIMONNE B. COTÉ
West.....	CLOTILDA KOBZA

*Pages*

Head Page—Abbie F. Reed

Helen Ledoux	Louise Kruger	Ruth Dufour	Anna Brown
Robert J. Wade	Carlton E. Sundin	Lincoln Hathaway	

*Elevator*

Alfred Mayall

Thomas Carman

*Janitors*

Dennis J. Mahoney	George Sunderland	Garrison L. Oliver
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# TRUSTEES' REPORT

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*To the Honorable, the City Council of the City of New  
Bedford, Mass.*

The Trustees present their seventy-third annual report to the City Council in the Report of the Librarian, which has been adopted by the Board.

Respectfully submitted,

BOARD OF TRUSTEES,

GEORGE H. TRIPP,

*Clerk of the Board.*

# LIBRARIAN'S REPORT

---

To the Trustees of the Free Public Library.

In presenting the Seventy-third Annual Report of the Free Public Library, and my Twenty-third as Librarian, it may be well to preface my statistical report with a few remarks of a general character.

As with most libraries, the circulation of books shows rapid increase with the succeeding years. To give a vivid presentation of the way in which books of our library were used during the past year, there were taken from the library and from its various branches and centers of distribution an average of 1800 books per day. That means that each day these books which are actually taken out into circulation, if put one above the other, flat, would reach to the top of the new home of the First National Bank on this street.

There were two outstanding events of importance as gifts to the library which merit appreciation at this time. Mrs. Charles M. Hussey gave to the library 180 log books representing distinct voyages of the ships which sailed under the signal flag of J.W.R. Wing & Co. This makes our total log books about 500. Then Mrs. Sadie C. Tillinghast very generously presented to the library some 200 books of value which, though in most cases duplicates, make a fine reserve for future demands. These two gifts have been properly acknowledged, but it is proper that they should receive special recognition at this time.

It has been the custom in my annual report to subdivide it into three parts,

First—The resources of the library.

Second—Its activities.

Third—The special needs.

I could do no better in a few words to record the resources of the library than to copy from the last page of our October, 1924 Quarterly Bulletin which reads as follows:—

#### WHAT YOUR LIBRARY OFFERS.

Use of 185,000 books.

350 magazines, 50 daily and weekly newspapers.

Information Department where reference books of all kinds can be consulted, and expert assistance obtained.

Directories, statistical data, etc.

Atlases, cyclopedias, and hand-books of all kinds.

Art Room and Genealogical Room open every day for students.

Main Reading Room (Ingraham Hall) with 2,000 books on open shelves.

Somewhat to amplify this short statement I would say that the directories and books which would be of special use to business men are so many and varied that they are not as well known to the business men of the city as they should be, although at various times the Librarian has made special efforts to call this wealth of material to the attention of the business men of the city.

#### ACTIVITIES.

The activities of the library force have been practically along the same lines as have been followed for

a number of years. The Trustees at an early meeting in the year elected a High School Reference Librarian who should serve as an intermediary between the Library and the High School, following the plan in use in many of the most progressive communities. Miss Grace F. Lyman, a college graduate, and also a graduate of a library school, who had been doing effective work in the Utica Free Academy Library, accepted an invitation to the position in the New Bedford High School on a mutual arrangement by which the library and the school should each pay half of the salary, but the Librarian should be under the direct control of the Free Public Library. In order to give the School Library a good start, we bought for the collection a large number of books during the summer, so that when the term commenced in September, that department of the library started off well equipped. Then, of course, from the main library books are constantly being drawn for temporary use in the High School. It is gratifying to know that Miss Lyman has made a place for herself, and her work is proving of great satisfaction to the staff of the New Bedford High School.

As has been the case for a number of years, over 200 school rooms are supplied with book collections furnished by the library, and circulated among the pupils. These books are not primarily supplementary text-books, but carefully selected books in general literature suitable for grammar grades, and such books as a well-informed parent would like to put into the hands of his children.

On January 30th, by invitation, the City Council visited the library and was shown over the building by the Trustees and library staff. This annual visit of the City Council is a feature which should be continued, as it gives the Council, some of whom have not been

thoroughly acquainted with the activities of the library, an opportunity to see the resources and uses of the library at first hand.

The Book Talks which were commenced during the war were given at a time when women were knitting for the soldiers; a Monday afternoon session was held when someone would read to the women while their fingers were busy at work. This, in a modified way, has been continued ever since, and a series of book talks by New Bedford men and women has been given on Monday afternoons. During the present year the following talks have been given.

Rev. W. H. Parker, January 7, 1924: Strachey's "Life of Queen Victoria."

Lois Donovan, January 14, 1924: Hints to Pilgrims Through the Library.

Edna W. Simmons, January 21, 1924: The Art of Robert Frost.

Rev. Harry Robert Smith, January 28, 1924: Papini's "Life of Christ."

Rev. W. B. Geoghegan, February 4, 1924: Life and Letters of Walter H. Page.

Ralph P. Dow, February 11, 1924: Edward Arlington Robinson.

Rev. E. Stanton Hodgin, February 18, 1924: Revolt Against Civilization.

Galen W. Hill, February 25, 1924: As Others See Us.

Rev. H. B. Williams, March 3, 1924: The Origin of Man.

Rev. Frederick H. von der Sump, March 10, 1924: Owen Wister—Straight Deal.



Rev. H. M. Medary, March 17, 1924: Heraldry—  
with Some of Its Modern Uses.

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Rev. Henry M. Medary, December 8, 1924: How  
We Got Our Names.

Rev. E. Stanton Hodgin, December 15, 1924: "These  
Eventful Years."

Lois Slocum, December 29, 1924: Eclipses.

The readings for the blind on Wednesday afternoons have been well attended, and great credit is due to the public spirited women who have this in charge. It is most gratifying to see the enthusiasm with which the readings are received. The blind men and women are brought to the library by volunteers who see that they are brought in automobiles to the building, and taken home at the conclusion of the readings.

A Library Institute, under the auspices of the State Board of Library Commissioners, was held here for the benefit of the suburban towns and libraries, on February 15, 29, and March 14. Our library merely gave the use of the room, and occasional talks by members of the staff. Such Institutes are held in different cities of the state, and are conducted by the State Library authorities.

A valuable talk on "Children's Books", by Miss Jane E. Thuman, the Head of the Juvenile Department, was printed in our January Bulletin.

As for a number of years past, a training class was held by the Librarian at which certain bright and promising pupils from the High School were given elementary instruction in library methods with a view of securing possible substitute material. These training lessons have proved of service, and we have been able, within the last few years, to obtain additions to our corps of

substitutes, and several have been added to our permanent staff.

It will be of interest to notice a unique use of our log books during the early summer, when the Head of the New York Aquarium visited the library, and from our log books, and from those in The Old Dartmouth Historical Society, obtained a great deal of valuable material on the visits of whale ships to the Galapagos Islands, and the food value of edible tortoises from those islands. Mr. Townsend, the Director of the Aquarium, is preparing a paper on the subject of edible tortoises and the possibility of their being preserved from rapid extinction.

Early in May a collection of musical programmes which attracted considerable attention was shown in the Art Room.

There have been during the year 704 meetings held in the Library by 69 different organizations. Every year, more and more, the value of our Library Hall, and the other available rooms on the top floor, becomes evident in their increasing use. Last year there were recorded 500 meetings, and this year 200 more.

The Librarian spoke at a meeting in Boston on April 25th on "The Library and the School," and contributed to "The Library Journal," by request, an article on "Adult Education." The Librarian was sent to Saratoga Springs to represent the Library at a meeting of the American Library Association.

#### NEEDS.

During the past year the urgent need of better branch facilities was brought to the attention of the City Council, and land was purchased for the purpose of establishing a South Branch Library, and a certain

amount of money was appropriated by the City Council. An architect was selected, and plans drawn, but the plans were not ready until the very last part of the year, when there was such a discrepancy between the amount that had been appropriated and the lowest bid on the architect's plans, that the matter was held over until the succeeding year. It is earnestly hoped that means will be taken early in the year to carry to completion this very urgent need of library accommodations in the south part of the city. The Police Department needs the room now occupied by the South Branch, and the Branch itself is in a place entirely out of the range of serviceable use to those who should be its clients. The locality selected by the City Property Committee of last year seems to be well adapted for a center of book circulation in that section of the city, and it is hoped that progress will be resumed until the finished building is ready for occupancy. In the progress of years since the two larger branches, North and South, were established, it is well known that the centers of population in those two sections have drifted to the north and south, so that each of the two branch buildings is at least a mile to a mile and a half out the most desirable location.

The service of the library may well be extended to St. Luke's Hospital in providing books from our duplicate collections, and sending an assistant once or twice a week for a few hours to distribute books and magazines among convalescent patients. Such service would be greatly appreciated, and is in line with similar activities in many libraries.

The reports of the various departments of the library accompany this report, and will give additional information about the work in each of those sections of our library.

The work of the staff has been helpful, and merits the appreciation of the library authorities and of the public.

Respectfully submitted,

GEORGE H. TRIPP,

Librarian.

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#### REPORT OF THE REFERENCE LIBRARIAN.

A public library is a sort of barometer of the fads and interests and activities of its community. All the departments feel the varying pressure, but perhaps it is the Reference Department which is most intimately concerned with its changes.

Two interests especially, have made themselves felt during the past year. First came the pressing desire for information on dogs of every breed. This was the result of a contest in a popular magazine. The shelves were always empty of dog books; every encyclopedia, dictionary, and natural history was ransacked for dog pictures, and still the demand was unsatisfied. The reference attendant listened to long discourses on straight and bow legs, long and snub noses, drooping and upright, plumy and ratty tails; she became conversant with all varieties of dogs from Schippekes to Doberman Pinschers.

But the dogs have had their day. Now the interest has shifted and we are in the throes of cross word puzzles. Atlases, dictionaries, and encyclopedias are used as never before. A constellation in Virgo, the king of Bashan, and the first son of the ash tree, seem to require the most attention though, "how a man is on a hot

day" and many others are not far behind, making it difficult at times for the librarian not to be a cross worried person.

Aside from these two fads, questions have, as usual, run the gamut of almost every conceivable subject. Here are a few examples: "What is the origin of the expression, 'get down to brass tacks;'" "How many pianos are there in New Bedford?" "Find me a picture of a whistling buoy." What is the effect of twisting on the strength of materials?" "Please find me a picture of a shin-plaster pocket book." One diminutive child of not more than ten, wanted material for a composition on "The effect of the Red Cross on the spirit of warfare." It is questions such as these multiplied manyfold, as well as the assistance given to many in the use of the Catalogue, Reader's Guide, dictionaries, directories, and other regular reference books that make up the bulk of the work of the Reference and Information department. It is only the number of books actually circulated by the department that are recorded. This number is 8136 volumes for the year 1924.

Club women and students of small towns in this part of the state, Cape Cod, and Martha's Vineyard continue to draw from our resources, through the medium of the Inter Library Loan. This department has sent during the past year 166 volumes to the following places: Hyannis, Edgartown, Vineyard Haven, Oak Bluffs, Marion, Chatham, Westport, Falmouth and Osterville.

The United States Government Documents pamphlets received by the library are checked by the Reference Librarian. During the past year she has put through nearly three thousand, roughly indexing many of them. Every year sees a great increase in the amount of this material.



It is perhaps still a little early to decide what effect the new high school library will have on the work of the Reference Room. During the three months it has been running, this department has loaned it four hundred and ninety six volumes, and has seen no perceptible decrease in its own circulation.

HELEN L. COWLES.

Reference Librarian.

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## REPORT OF THE JUVENILE DEPARTMENT

The regular work of the Juvenile Department shows activity with an ever increasing circulation of books at the branches and a gradual drawing away from the Central Juvenile Room. For some years we have been recommending the separation of children and adults at the branches. This now becomes a necessity if the branch libraries are to serve adequately either adults or children. Grown people will not patronize a library that is overrun with children. This situation obtains especially at the South Branch where there is an excellent opportunity for work with adults. We look forward hopefully to the time when the ends of the city will be provided with real library buildings where many activities can be carried out among people who rarely come to the centre of the city.

200 classes in the public schools from grade 3b through 6a and 5 continuation classes circulated 142, 282 books during the year. The importance of this branch of our work cannot be overestimated as these books go into so many homes of our foreign-born citizens. One of our greatest needs today is for interesting, easy,



books for grown people who are learning to read English but have passed the primer stage. The ordinary easy Juvenile deals with subjects that are not adapted to an adult mind.

Children's Book Week in November was observed with an exhibit of new Juvenile books and a talk on books for children by Mr. Frederick G. Melcher of the Publishers Weekly, of New York City, the speaker being provided through the courtesy of Hutchinson's Book Store.

Several teachers have used the State Certificate plan in their regular school work this last fall term. There were 511 of the five book certificates awarded and 59 of the honor certificates.

Respectfully submitted,

JANE ELLIS THUMAN,

Children's Librarian.

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## ART ROOM

A pleasing feature of the past year's work was the increasing study of our books and photographs by the classes in art appreciation which have been developed at the High School. The history of architecture having received special attention. Many students from the Vocational School have used the works on interior decoration and costume design, and Swain School pupils frequently browse in the room.

From year to year we notice a more discriminating choice of pictures among our "young visitors." Whereas formerly they asked for collections upon India or Egypt, now it must be definitely the Taj Mahal or the temple of Karnak and so on throughout the curriculum. While

this tendency diminishes somewhat the volume of circulation, it has no doubt, an educational value.

Several inquiries regarding the loan exhibitions of art have been received.

The new Medici prints acquired in 1924 are much admired and each new book has been hailed with enthusiasm. Possibly no purchase of books has afforded quite as keen delight as that of the volumes in revised Braille for our group of grateful blind readers.

JANE E. GARDNER,  
Art Librarian.

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#### GENEALOGICAL DEPARTMENT

The Massachusetts state convention of both the Daughters of the American Revolution and the Sons of the American Revolution were held in New Bedford this year and people who attended were glad to visit our Room. Some of the D. A. R.'s whose convention was of longer duration, made use of our collection.

This department has a collection of pictures of New Bedford and vicinity which, during the year, has been classified and renumbered. These pictures total 714 as follows:

Photographs	326
Post cards, colored,	84
Post cards, not colored	123
Stereographs	160
Water colors	7
Miscellaneous	14

There are also a few duplicates of some of these. The pasting of the Transcript Scrap-book has been diligently carried on. The indexing of the Boston Globe

Scrap-book has been brought up to date; and work has been done on the indexing of the Local Picture Scrap-books.

An index of the "Mayflower Descendant" has been started.

We have had inquiries for help in genealogical matters from various parts of the country including Washington, D. C., the States of Washington, Oklahoma, Ohio, Maine, New Jersey, New York, Florida, and California, as well as Canada. Occasionally, the Old Dartmouth Historical Society turns letters over to us to answer. In one instance of this kind, there was an old family Bible which the owner, who had no descendants, wished to bestow upon some member of the family who would like to have it. We were very glad to be of service in finding someone who knew just the proper recipient.

To our collection, already numbering over 4400 books, acquisitions have been made during the year. One of the long looked for Tripp genealogies which George L. Randall has spent so many years in compiling, was published this year—"Descendants of James, son of John Tripp." Mr. Randall's Taber genealogy was also completed this year. The Library has a copy of each, as well as a duplicate copy, for circulation, of the Tripp genealogy. Mr. George H. Partridge very kindly sent us an autographed copy of the Partridge genealogy. A copy of the "Descendants of Daniel Lyman" was a gift of the authoress, Eunice A. Lyman. A little pamphlet which should prove useful, a gift of the compiler, is entitled, "Index to certified copy of list of American prisoners of war 1812—1815 as recorded in General Entry Book, Ottawa, Canada; list of American prisoners of war who died at Provincetown, Dartmoor, England, 1812-1815." "New England diaries 1602-1800," compiled by

Harriet Merrifield Forbes, is a mine of information. "Pilgrim Notes and Queries" in 5 vols; James Truslow Adam's "Revolutionary New England, 1691-1776," the "Epes Sargent genealogy," finely illustrated, and "Old Scituate," interspersed with good illustrations and abounding in information, are other additions. A valuable gift comes from John Kermott Allen in the form of a 217 paged, typewritten work on "George Allen of Weymouth, Lynn, and Sandwich, together with some of his descendants."

ALICE H. TRIPP.

Genealogical Librarian.

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### CIRCULATION DEPARTMENT

The circulation for the year has been most gratifying, showing that 38,943 more books were given out than last year. This increase has been due partly, to the fact that many of the manufacturing establishments have been running on shorter schedules, and also that more people in general have been reading.

The amount collected for fines has shown a slight decrease, also indicating that the public have more time for reading and the books have been returned more promptly.

The total circulation for the year has been 542,906; namely: Main Desk, 102,205; Ingraham Hall, (the Open Shelf Department), 94,900; Art Room, 4,780; Reference Room, 8,136; Genealogical Room, including Teachers' Room, 697; North, South, and West Branches, 128,694; Juvenile Room, 58,912; School Collections, 142,822; and Inter-Library loans, 1,770.

Several Americanization Classes have visited the Library with their teachers. Many of the pupils have

taken out cards, borrowing books in their native tongue and also in English.

Books of travel, biography, short plays, essays, and etiquette have been in great demand.

For a long time, there has been a vital need for a new building at the South End, in which there will be a separate room for adults. In many cases, they have been forced to come to the Main Library to read and borrow books because there has been no room for them in the branch, on account of the large number of children. The patrons have been greatly inconvenienced and the circulation has suffered in consequence.

GRACE D. SHERMAN.

Head of Circulation Department.

## APPENDIX A.

### ADDITIONS BY CLASSES IN YEAR 1924

#### NEW TITLES

General Works,	17	Literature,	87
Ethics and Philosophy,	29	Description and Travel,	95
Religion,	31	Individual Biography,	86
Sociology,	99	Collective Biography and	
Manners and Customs,	4	Genealogy,	19
Folk Lore,	6	History,	53
Education,	20	Fiction,	347
Language,	4	New Titles in Foreign	
Science,	57	Languages	
Useful Arts,	121	French	71
Medicine, Physiology, and		Yiddish	12
Hygiene,	35	Italian	5
Fine Arts,	48	Portuguese	20
Music,	15	Spanish	4
Amusements and Sports,	34	Books for Children,	66
Books for the Blind,	13		

## APPENDIX B.

## CIRCULATION.

## Main collection, Adult,

Classification.	No. of Books	Per cent of Whole
Miscellaneous, and periodicals,	8,196	3.89
Philosophy,	1,459	.69
Religion,	1,265	.60
Sociology,	3,255	1.54
Language,	741	.35
Science,	1,765	.84
Useful Arts,	5,062	2.40
Fine Arts,	5,930	2.81
English literature,	7,156	3.40
Foreign literature,	886	.42
Biography,	4,392	2.08
History,	2,595	1.23
Travel and description,	4,072	1.93
English fiction,	158,683	75.31
Foreign fiction,	5,261	2.50

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## Juvenile Room,

## Classification.

Fairy Tales,	7,846	13.32
Biography,	1,318	2.24
History,	2,023	3.43
Travel and description,	1,720	2.92
Fiction,	34,254	58.15
Miscellaneous, including Bible Stories, Literature, Useful Arts,	11,741	19.93

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## Books drawn for home use, Central Library, Main Collection:

Main Desk, 102,205; Ingraham Hall, 94,900; Reference Room,	
8,136; Art Room, 4,780, (Including 63 books for the Blind);	
Genealogical Room, 435; Teachers' Room, 262;	210,718
Books circulated from Juvenile Room,	58,902
Books circulated from School Collection,	142,822
Books circulated directly from Branch	
Reading Rooms,	128,694
Inter-library loans,	210
Other Agencies,	1,560

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Total circulation of books, 542,906



## Pictures loaned: Art Department.

Art Photographs,	56
Prints,	10
Prints (color)	49,011
Architecture,	202
Sculpture,	4
Stereographs, (Juv. R. 12,241)	12,929
Miscellaneous,	23,115
	<hr/>
	85,327

## GENERAL STATISTICS FOR 1924

## Books Added.

Volumes purchased, Main Collection,	3,370
Volumes purchased, Juvenile Room,	1,138
Volumes purchased, School Collection,	3,013
Volumes purchased, Continuation School,	0
Volumes added by gift,	878
	<hr/>
	8,399

## PAMPHLETS ADDED.

Pamphlets purchased,	58
Pamphlets added by gift,	3,740
	<hr/>
	3,798

## Other Additions.

Photographs, (gift)	99
Posters 2, Halftones 8 (gifts)	10
Medici Prints	6
Post-Cards, colored	1,130
Atlas folios, maps (including gifts)	51
Mounted clippings,	1,561
Magazine subscriptions from individuals and old magazines,	12
Volumes worn out and withdrawn (94 exposed to contagious disease.)	
Main Collection,	844
Juvenile Room,	1,173
School,	2,190
	<hr/>
	4,207

## Volumes replaced

Main collection,	386
Juvenile Room,	660
School collection,	1,579
	<hr/>

2,625

Net addition to the Library in volumes,

4,192

Number of volumes in Library, December 31, 1923,

185,276

Number of volumes in Library, December 31, 1924,

189,468

# FREE PUBLIC LIBRARY

21 o

Volumes bound, including periodicals and books rebound:			
Main collection,			2,839
Juvenile Room,			1,387
School collection,			2,121
			<hr/>
			6,347
Periodicals in Reading Room (including 56 by gift)			362
Newspapers in Reading Room (including 9 by gift)			48
New cards issued, and re-registration, Central			
Adult, Central Library,			3,982
(Includes 786 Juvenile Transfers.)			
Through Branches	1,005	4,987	
Cancelled		119	4,868
Juvenile, Central Library	2,762		
Through Branches,	1,581	4,343	
Cancelled,		36	4,307
			<hr/>
			9,175
Total Registered Borrowers, Adult			23,454
Juvenile,			9,733
Notices sent out for over-due books:			
Main Library—Postal cards, 7,614; letters, 731			8,345
Juvenile Room—Postal cards, 2,418; letters, 182			2,600
Branches—    Postal cards, 2,553; letters, 350			2,903
Books sent for by messenger, 161			
Books returned by messenger, 123.			

## BRANCH READING ROOMS IN DETAIL

### NORTH

Books circulated—Adult	37,717	
Juvenile, 27,871, Central 129,		65,717
Cards issued through Central.		
Adult (including 71 Juvenile Transfers), 651, Juvenile 859	1,510	
Periodicals in Reading Room,		30
Newspapers in Reading Room,		18

### SOUTH

Books circulated—Adult, 13,148		
Juvenile, 22,278; Central 68		35,494
Cards issued through Central:		
Adult (including 35 Juvenile Transfers), 208, Juvenile 602	810	
Periodicals in Reading Room,		23
Newspapers in Reading Room,		15

### WEST

Books circulated—Adult, 19,344		
Juvenile, 8,336, Central, 62		27,742
Cards issued through Central:		
Adult (including 16 Juvenile Transfers) 146, Juvenile 120	266	
Periodicals in Reading Room,		25
Newspapers in Reading Room,		10

## APPENDIX C.

## FORM OF LIBRARY STATISTICS

*Compiled for the A. L. A. Committee on Library Administration.*

Annual report for the year ending December 31, 1924.  
 Name of Library, New Bedford Free Public Library.  
 Name of Librarian, George H. Tripp.  
 City or Town, New Bedford, Mass.  
 Population served, 136,000. (Estimated, July 1, 1924.)  
 Terms of use—  
     Free for lending  
     Free for reference  
 Total number of agencies  
     Consisting of—Central library, One.  
                     Branches, Three.  
                     High School Library.  
                     Other Agencies, 34 Schools, (215 rooms in  
                                     schools.)  
                     Y. M. C. A.  
                     Girl Scouts.  
                     2 Engine Houses.  
                     5 Continuation school classes.  
                     1 Relief ship.  
                     Books lent to 12 other libraries.  
                     Books borrowed of one library.  
 Number of days open during year (Central library), 364.  
 \*Hours open each week for lending (Central library), 72.  
 \*Hours open each week for reading (Central library), 79.  
 Total number of staff, 22.  
 Total valuation of library property, \$804,475.  
 \*Holidays and Sundays, open seven hours for reading, except that  
 Library closed Christmas Day.

## INCREASE

	Adult	Juvenile	Total
Number of volumes at beginning of year	159,673	25,603	185,276
Number of volumes added during year by purchase	3,370	4,151	7,521
Number of volumes added during year by gift or exchange	878		878
	<hr/> 163,921	<hr/> 29,754	<hr/> 193,675
Number of volumes lost or withdrawn during year	844	3,363	4,207
Total number at end of year.....	163,077	26,391	189,468
Number of pamphlets at beginning of year,			Uncounted
Number of pamphlets added during year,			3,798
Number of maps and charts added during year,			51
Total number of maps at end of year,			...
Number of photographs added during year, including prints and pictures,			115

# FREE PUBLIC LIBRARY

23 o

Post Cards, colored,	1,130
Miscellaneous,	12
Total number of prints including photographs, etc.,	60,075
Number of sheets of music added during year,	8
Total number of sheets of music at end of year,	Uncounted
Number of clippings added during year,	1,561
Total number of clippings,	Uncounted

## USE

	Adult	Juvenile	Total
Total number of volumes, lent for home use	282,697	260,209	542,906
Number of volumes of fiction lent for home use from Central library, (including Foreign)	163,944	34,254	198,198
Number of prints lent for home use,			85,327
Recorded use in reading rooms,			Uncounted
Number of exhibitions held,			4
Number of lectures given,			14
Number of publications issued,			7

## REGISTRATION

	Adult	Juvenile	Total
Number of borrowers registered during year (and re-registrations, part of year),	4,987	4,343	9,330
Total number of registered borrowers,	23,454	9,733	33,187
Cancelled, 1924,	119	36	155

Registration period, 5 years.

Number of periodicals, including newspapers and transactions of societies) currently received.

372 titles with 513 copies of magazines.  
and 49 titles, with 99 copies of newspapers.

Number of persons using library for reading and study: Not counted.

## APPENDIX D.

Appropriation,	\$60,000.00
Salaries,	\$37,282.12
Wages,	17,924.42
Supplies,	1,316.04
Labor and repairs,	728.99
Lighting branches,	403.75
Heating branches,	310.31
Printing,	690.30
Telephones,	66.40
Express,	206.57
Incidentals,	162.98

## FREE PUBLIC LIBRARY

Water,	82.06	
Postage,	126.34	
Binding,	74.25	
Furniture,	83.70	
Car tickets,	55.00	
Snow removal,	49.70	
Cards,	37.18	
Books,	2.00	
Travel,	128.97	
Book-plates,	42.00	
Periodicals,	8.29	
Stationery,	31.61	
Insurance,	166.52	
	<hr/>	
	\$59,979.50	
Balance,	20.50	
	<hr/>	\$60,000.00

## DOG FUND

Balance,	\$1,814.97	
Income,	3,998.72	
	<hr/>	\$5,813.69
Books,	2,037.38	
Furniture,	115.50	
Express,	53.97	
Labor and repairs,	48.90	
Periodicals,	282.00	
Supplies,	57.21	
Printing,	26.20	
Binding,	2,226.10	
Membership,	11.00	
Postage,	4.00	
Telephone,	5.75	
Gas,	47.21	
Salary,	416.66	
Plans,	400.00	
	<hr/>	
	\$5,731.88	
Balance,	81.81	
	<hr/>	\$5,813.69

## OLIVER CROCKER FUND

Balance,	\$98.04	
Income,	45.00	
	<hr/>	\$143.04
Books,	\$68.66	
Balance,	74.38	
	<hr/>	\$143.04

FREE PUBLIC LIBRARY

25 o

JAMES B. CONGDON FUND

Balance,	\$36.09	
Income,	22.50	
	<hr/>	
		\$58.59
Books,	\$42.30	
Balance,	16.29	
	<hr/>	
		\$58.59

GEORGE W. HOWLAND, JR. FUND

Balance,	\$152.89	
Income,	72.00	
	<hr/>	
		\$224.89
Books,	\$52.55	
Balance,	172.34	
	<hr/>	
		\$224.89

CHARLES W. MORGAN FUND

Balance,	\$95.19	
Income,	45.00	
	<hr/>	
		\$140.19
Books,	\$59.79	
Periodicals,	32.85	
	<hr/>	
	\$92.64	
Balance,	47.55	
	<hr/>	
		\$140.19

CHARLES L. WOOD FUND

Balance,	\$96.81	
Income,	90.00	
	<hr/>	
		\$186.81
Books,	\$130.69	
Periodicals,	3.00	
	<hr/>	
	.\$133.69	
Balance,	53.12	
	<hr/>	
		\$186.81

KEMPTON FUND

Balance,	\$1,108.60	
Income,	10,184.78	
	<hr/>	
		\$11,293.38
Books,	\$8,148.04	
Periodicals,	1,506.66	
Binding,	1,454.88	
Printing,	186.30	
Stationery and supplies,	43.56	
Pictures,	230.07	
Cards,	27.31	
Membership in learned societies,	11.89	



Manuscript,	25.00	
Incidentals,	7.90	
	<u>\$11,641.61</u>	
Over-draft,	348.23	
		<u>\$11,293.38</u>

## SYLVIA ANN HOWLAND FUND

Balance,	\$125.68	
Income,	2,136.57	
		<u>\$2,262.25</u>
Books,	1,191.54	
Periodicals,	10.07	
Binding,	373.30	
Printing,	11.75	
	<u>1,586.66</u>	
Balance,	675.59	
		<u>\$2,262.25</u>

## GEORGE O. CROCKER FUND

Balance,	\$419.05	
Income,	448.40	
		<u>\$867.45</u>
Books,	25.00	
Periodicals,	52.17	
Binding,	284.25	
Printing,	17.95	
Library supplies,	35.26	
Wages,	398.01	
	<u>812.64</u>	
Balance,	54.81	
		<u>\$867.45</u>

## TOTAL EXPENDITURES

Salaries,	\$37,698.78
Wages,	18,322.43
Supplies,	1,373.25
Labor and repairs,	777.89
Lighting branches,	450.96
Printing,	932.50
Telephones,	72.15
Express,	260.54
Incidentals,	170.88
Car tickets,	55.00
Water,	82.06
Heating branches,	310.31
Snow removal,	49.70
Furniture,	199.20
Postage,	130.34
Cards,	64.49
Books,	11,757.95
Periodicals,	1,895.04

# FREE PUBLIC LIBRARY

27 o

Binding,	4,412.78
Pictures,	230.07
Travel,	128.97
Book-plates,	42.00
Subscriptions to Learned Societies,	22.89
Plans,	400.00
Insurance,	166.52
Manuscript,	25.00
Stationery and Library Supplies,	110.43
	<hr/>
	\$80,142.13

## FINES

Fines collected,	\$1,576.00
Miscellaneous receipts,	109.38
Receipts,	5.00
	<hr/>
	\$1,690.38
Paid City Treasurer,	\$1,674.38
Cash retained for change,	16.00
	<hr/>
	\$1,690.38
Special account for refunds on lost books,	12.25
Refunds,	8.49
Balance on hand,	3.76
	<hr/>
	\$12.25

ANNUAL REPORT  
Trustees of Free Public Library.  
CITY OF NEW BEDFORD.

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IN BOARD OF ALDERMEN,  
January 15, 1925.

Received, ordered printed in the city documents, and  
sent down for concurrence.

RODOLPHUS A. SWAN,  
City Clerk.

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IN COMMON COUNCIL,  
January 15, 1925.

Concurred.

RUTH G. HILTON, Clerk.

•











THIRTY-FIRST ANNUAL REPORT

OF THE

# Department of Parks

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year Ending November 30, 1924



NEW BEDFORD, MASS.  
THE A. E. COFFIN PRESS—PRINTERS  
1925

BOARD OF PARK COMMISSIONERS

1924.

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WILLIAM P. COVELL

WILLIAM F. CASWELL

GEORGE H. HEDGE

GEORGE H. CUSHING

EDWARD A. OESTING

OFFICERS.

WILLIAM P. COVELL, Chairman.

GEORGE H. CUSHING, Secretary.

EVERETT B. SHERMAN, General Superintendent.

CLARA C. DUNBAR, Stenographer.

CONSULTING ENGINEER.

GEORGE H. NYE.



ELK—BUTTONWOOD

**CITY OF NEW BEDFORD**  
**BOARD OF PARK COMMISSIONERS**

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New Bedford, Mass., December 1, 1924.

*To His Honor the Mayor and the City Council of the  
City of New Bedford.*

Gentlemen:—

As required by the Revised Laws of the Commonwealth of Massachusetts of 1902, Chapter 28, Section 13, entitled, "Public Parks and Playgrounds," the Board of Park Commissioners of the City of New Bedford, have the honor to submit herewith their Thirty-first Annual Report of Parks, for the year ending November 30, 1924.

We are pleased to report a prosperous and satisfactory year.

The greatly increased number of visitors to the parks and the extensive patronage of the varied facilities offered for their pleasure and healthful benefit, fully testify to their appreciation.

Various improvements were carried out during the year as follows:—



BROOKLINE PARK



## BROOKLAWN PARK.

At Brooklawn Park, the Bowling Green started last year was completed, and an ornamental iron fence was built entirely enclosing the green. As its completion was rather late in the year, the official opening was deferred until 1925.

On the south side of Middle Drive at this park, the department employees were kept busy for several weeks cleaning up and carting away brush. They also removed from what is known as "The Old Orchard" many large and dangerous stumps and a marked improvement was shown by this work.

The Street Department completed the North Drive and a granolithic sidewalk was laid on Acushnet Avenue.

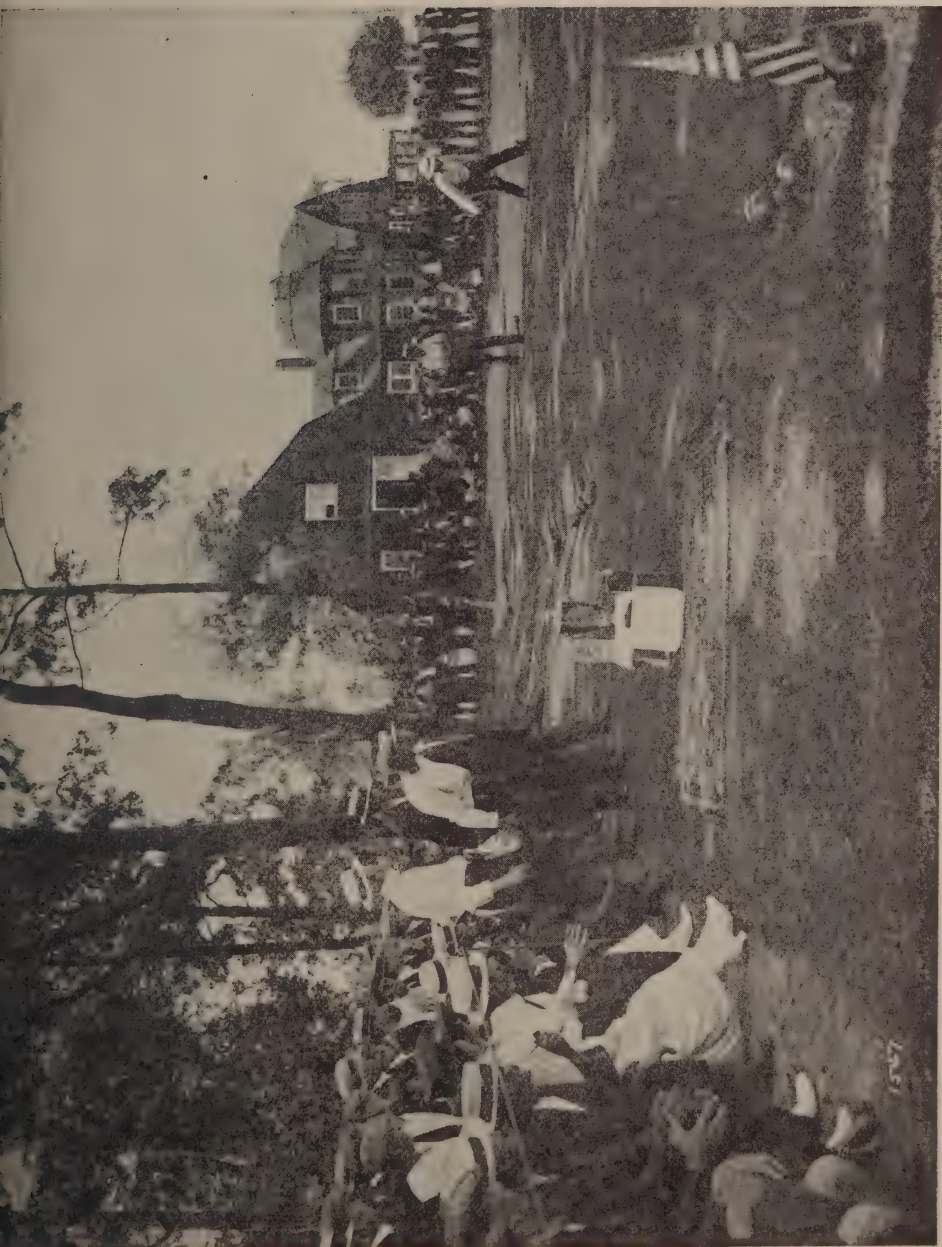
## ASHLEY PARK

At Ashley Park a new granolithic sidewalk was completed. A much needed improvement was accomplished by laying a surface drain under the walk thus draining adjacent land, and will, we hope allow us to grow grass on this park which has heretofore been a barren spot.

We are also having removed at this park many large rocks without any expense to the department.

## BUTTONWOOD PARK

At Buttonwood Park we have built a fine home, consisting of a new barn and shed, for our herd of elk. An unclimbable iron fence was built entirely around the enclosure. We also made a path along the outside for our visitors.



BOWLING GREEN—HAZELWOOD PARK

We have started at Buttonwood west of the Greenhouse a Perennial Garden which we hope to complete in another year.

The storm of August did tremendous damage to many of our large trees. These we had sawed up into lumber the value of which is estimated at five hundred dollars.

### HAZELWOOD PARK

At Hazelwood Park considerable labor was devoted to removing stones and clearing away the underbrush from the Grove. We hope to entirely complete this work next season.

### BRIDGE PARK

Bridge Approach was improved by the construction of a new highway from the Bridge to Second Street.

### PLAYGROUNDS

During the year the City Government purchased what is known as the Logan Street Playground. We believe this acquisition was fully justified, as it will be a benefit not only to the neighborhood center, but will benefit the city as a whole. If a Field House were built on this ground, it could be used for neighborhood organizations, for meetings, socials, dances, and gymnastics during the entire year.

### OTHER PARKS

The trees and shrubbery in the small parks were carefully trimmed during the year and all lawns were reseeded where necessary.





DRIVE—BUTTONWOOD PARK

## BATTERY "D" PARK

With appropriate exercises, and with military ceremonies, held on Memorial Day, May 30, 1924, the latest acquisition to the New Bedford Park System, named by the City Council as Battery "D" Square, and the handsome memorial monument erected in this parcel of park land, was dedicated.

Battery "D" Square is located at the junction of Kempton, North, and Watson Streets, and was given by the F. William Oesting Estate as a site for a memorial monument to the 22 men of this city who were killed in action or died in the hospitals of France while serving in the World's War with Battery "D", 102nd Field Artillery, New Bedford's one unit in the famous 26th Yankee Division of New England National Guardsmen.

Following the donation of the site for the above purpose the members of Battery "D" Veterans' Association, assisted by a Committee of influential and prominent citizens, raised by public subscription the sum of \$6,000.00 which was used for the purchase of a heroic sized bronze statue of a field artilleryman in the act of placing a projectile in the breech of a French 75 centimeter gun, such as was used by the New Bedford Battery during its ten consecutive months fighting on the western front of France.

As its contribution to the memorial, the Park Commission provided granolithic sidewalks around the triangle, graded and levelled the plot and furnished the site with a handsome curved curbing. The commission also purchased a tall flag-pole which was erected directly in the rear of the Monument, from the top of which is daily flown the American Flag. The plot is to be kept in perpetual care



BATTERY "D" MEMORIAL MONUMENT  
BATTERY "D" SQUARE



by the Park Board, and it is planned to decorate the plot in summer time with a bed of flowers which will be located near the apex of the triangle.

Many of the leading military officers of New England who were identified with the 26th Division, including Major General Clarence R. Edwards, U. S. Army, who commanded the Yankee Division during the World's War, were present and participated in the dedication exercises, as did the chief executive and most prominent citizens of New Bedford.

Two bronze tablets, placed on the huge stone boulder beneath the statue, are used for the purpose of giving the history of Battery "D" from its inception in this city at the outbreak of America's participation in the World's War to its discharge at the conclusion of hostilities, including many sectors upon which the unit fought, and the many battles and offensives in which it engaged during its 19 months in France and its 10 consecutive months on the firing line.

The dedication message of the monument is contained on the bronze tablet in the front of the boulder and reads as follows;

"With grateful memory, and in honor of the twenty-two men of Battery "D", 102nd Field Artillery, 26th (Yankee) Division who were killed or died in the hospitals of France during the World's War, this statue is dedicated by their comrades of Battery "D" Veterans' Association, and their many New Bedford friends."

"*Dulce et decorum est pro patria mori.*"

Then appear the following names of the Battery members who paid the supreme sacrifice:—Robert H. Andrews,



BUTTONWOOD PARK

Henry H. Brown, Kenneth W. Chase, Solomon Cohen, Alfred A. Collins, Albert J. Craw, Stephen B. Dahill, Armand Daigle, John H. Dickie, George Higginson, Edward Hirst, James J. Kelley, Nester L. LaBonty, George Landry, Austin C. Lanning, Branscom Lloyd, Thomas N. Moore, Amedee Poirier, Frederick W. Richardson, William Riding, Charles N. Scott, B. Chester Smethurst.

To further park improvements the following recommendations and suggestions are submitted for your consideration:—

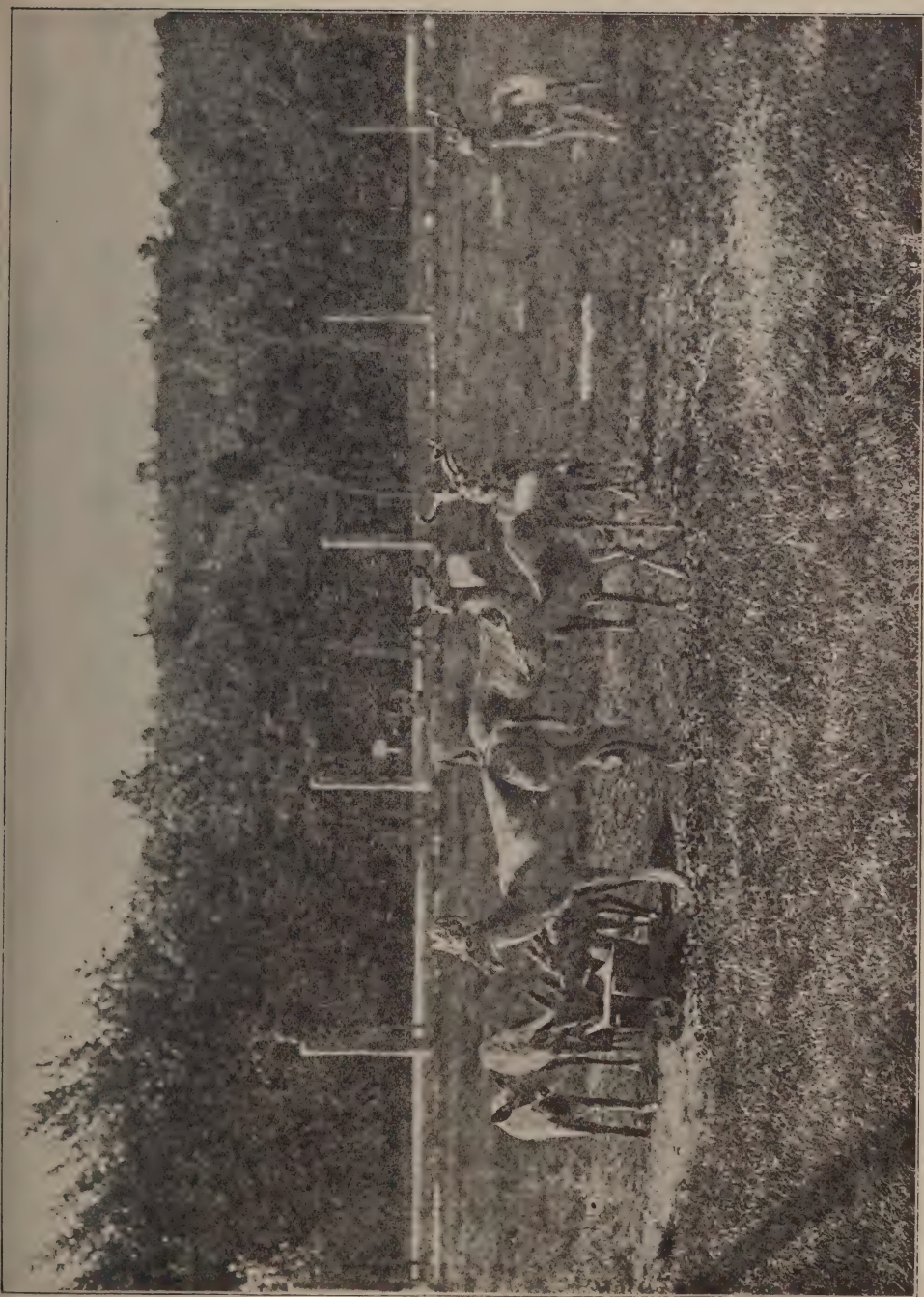
At Buttonwood Park a Warming House is very much needed during the skating season. One would be so constructed as to furnish an all-year round pavilion with accommodations for refreshments. A suitable location would be on the east end of the pond, north of Court Street.

That section of Buttonwood Park lying north and east of the pond which was recently acquired, is now ready for further development, and we recommend each year the continued improvement of this plot.

We would recommend the building of a Shelter House for the convenience of the bowlers at Brooklawn Park: one so designed that it could also be used as a storage house for working implements.

Each year the demand for active recreation grows. Requests for additional tennis courts are constantly received and it is very evident with the increasing desire for recreation more money must be provided if athletic activities are to be maintained. Every demand thus far has been responded to by the Commission to the extent of its ability and resources.





DEER—BROOKLAWN PARK

In conclusion we wish to tender our sincere appreciation to the Mayor and the City Government for their many courtesies extended us during the year.

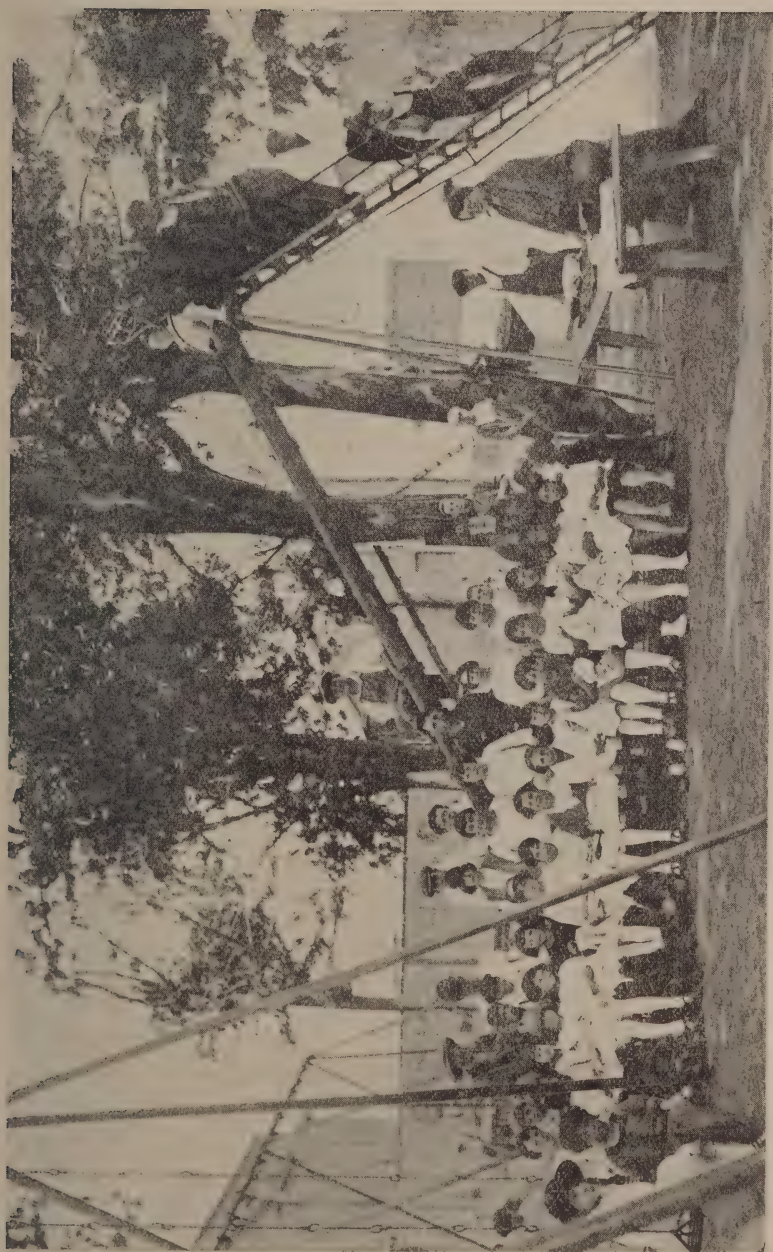
Respectfully submitted,

BOARD OF PARK COMMISSIONERS,

William P. Covell, Chairman,  
George H. Cushing, Secretary,  
William F. Caswell,  
George H. Hedge,  
Edward A. Oesting,  
Everett B. Sherman, General Superintendent







SEWING CLASS—GROVE PARK  
(Mrs. Mary A. Hayden, Supervisor)



## PLAYGROUNDS

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New Bedford, Mass., December 1, 1924.

• *Mr. E. B. Sherman, General Supt. of Parks,*

*City of New Bedford.*

Dear Sir:—

I hereby submit you a brief summary of the playgrounds activities for the summer of 1924.

Playgrounds are located in New Bedford as follows:—

Buttonwood Park,  
Brooklawn Park,  
Hazelwood Park,  
Grove Park,  
Ashley Park,  
Common,  
Hathaway Playground,  
Middle Street School,  
Ottiwell School,  
Knowlton School,  
Logan Street.

The season opened July 7th with an unusually large attendance at each of the eleven playgrounds. The first week was spent in organizing the children into groups for athletic purposes and in preparing a program for the season.

## ATHLETICS

We had interground leagues in the following athletic activities: Girls' Baseball, Girls' Newcomb, Boys' Junior Baseball, Senior Boys' Baseball.

For Girls' Baseball and Newcomb the City was divided into three sections: South Division which included Ashley, Grove, and Hazelwood Playgrounds. Center, which included Hathaway, Buttonwood, Middle Street, and the Common, and the North Division, which included Knowlton, Ottiwell, Logan Street, and Brooklawn. By dividing the City into three sections it enables the girls to go from one ground to another without going a great distance from home.

For the Boys' Baseball, there were two divisions, one at the north end of the city and the other at the south end, each league consisting of five teams. The Middle Street Grounds had no baseball team.

We found the girls very enthusiastic over baseball. They play the game under practically the same rules as the boys except they use a playground baseball which is softer than the usual league baseball.

Several of the other grounds also maintained a baseball league of their own.

Considerable time was spent on track events, each Ground holding their own meets, and also competitive meets were held with neighboring grounds. This lead to a final Inter-Playground Track Meet during the last week of the playground season.

A series of baseball games were played between the Fall River Playground Teams and the New Bedford Playground Teams during the summer; Fall River won the championship.

Tennis was a popular sport on the park playgrounds. "The Buttonwoods" played a lively series of matches with "The Fairhavens".

Shower baths were installed for the season at Grove Park, Common, and Knowlton Playgrounds, and on hot days they afforded much pleasure for the children in the neighborhood who came to the grounds in their bathing suits. The Fire, Police, and Water Departments aided us greatly in operating these showers.

It has been our desire to foster education thru play, and we are of the opinion that the playground department accomplished considerable during the past summer, particularly in the arts of handicraft and sewing. The children thoroly enjoy this kind of work (or play as they consider it) and at the same time they accomplished something of a useful and educational value.

### SEWING

A great many useful articles were made by the children at the different playgrounds under the supervision of Mrs. Mary A. Hayden. The various pieces of sewing were on display at the close of the playground season.

### REED WORK

The supervisor of handicraft, Mrs. Ethel C. Mahoney, reported that over seven hundred useful reed articles were made by the playground children during the past summer.

## WOOD HANDICRAFT

On all of the playgrounds an effort was made towards interesting the boys in the art of wood handicraft. They carved out of rough materials which they furnished themselves, birdhouses, windmills, ship models, wagons, and small scooters. This work was carried out with great success.

## EXHIBITIONS

Each playground held a public demonstration of games and playground activities during the last week of July and the first week of August. This created a great deal of enthusiasm not only among the children but among the adults of the neighborhood as well.

During the last week of the season, each of the eleven playgrounds held an exhibition of the children's work, accompanied by an outdoor entertainment given by the children. It has been estimated that from fifteen to eighteen thousand people witnessed these exhibitions. I am submitting with this report an album of photographs taken at the exhibitions.

On August 27th, thirty-five hundred children attended the Annual Playground Outing and Final Track Meet at Hazelwood Park.

The Playground Season closed August 29th.

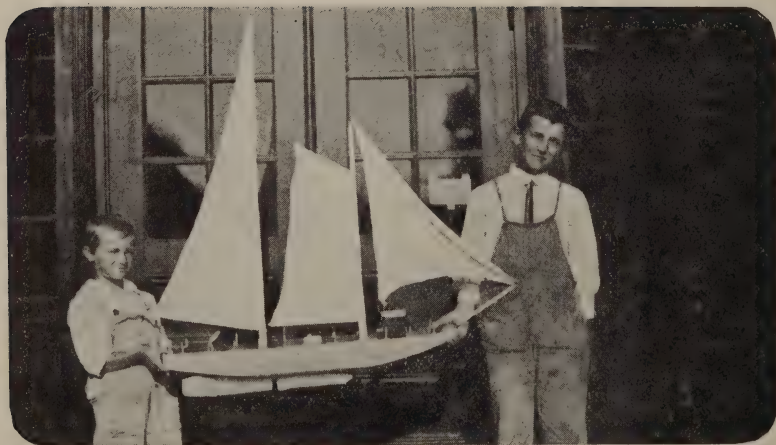
## CONCLUSION

The employees of the Park Department and the Directors of the Playgrounds and their Assistants co-operated with me splendidly during the season.

I wish to express my thanks for your kindness and consideration.

Respectfully submitted,

EDWARD C. GALLIGAN,  
Supervisor of Playgrounds.



Built by Boy at Brooklawn Playground

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**PLAYGROUNDS**

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**Financial Statement**

Payrolls, .....	\$6,395.57
Maintenance .....	3,182.28
Unexpended Balance .....	422.15
	<hr/>
	\$10,000.00

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**Receipts**

Appropriation .....	\$10,000.00
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**— PARKS —****Financial Statement for the Year.**

Buttonwood Park .....	\$30,458.46
Brooklawn Park .....	19,161.21
Hazelwood Park .....	7,965.12
Common .....	8,331.95
Ashley Park .....	2,916.49
Bridge Approach .....	1,430.14
Grove Park .....	1,453.05
Triangle Park .....	50.00
Victory Park .....	4,342.42
Battery "D" Park .....	1,704.77
Office .....	5,824.11
Transferred to Unappropriated Funds .....	2,631.60
	<hr/>
	\$86,269.32



**Receipts**

Appropriation .....	\$85,000.00
Concession Privileges .....	1,235.00
Minor Sales .....	34.32
	<hr/>
	\$86,269.32

**Office Expenses and Miscellaneous**

Superintendent and Clerk .....	\$4,512.74
Telephone .....	50.78
Supplies .....	271.52
Printing .....	264.55
Traveling Expenses .....	251.00
Auto Maintenance .....	395.57
Miscellaneous .....	77.95
	<hr/>
	\$5,824.11

**Maintenance—Buttonwood Park**  
(Including Greenhouses)

Police .....	2,082.15
Labor .....	15,948.99
Compensation .....	728.24
Telephone .....	42.00
Lights .....	491.21
Coal .....	915.48
Repairs .....	2,051.16
Supplies .....	871.47
Animal Food .....	1,397.38
Animals .....	381.24
Seeds .....	51.24
Radio .....	186.05
Gasoline .....	152.53
New Buildings .....	1,227.19
Iron Fences .....	3,175.45
Slides .....	280.00
Water .....	309.29
Miscellaneous .....	167.63
	<hr/>
	\$30,458.46

**Maintenance—Brooklawn**

Police .....	1,861.66	
Labor .....	7,486.91	
Telephone .....	42.00	
Lights .....	154.10	
Coal .....	163.75	
Repairs .....	639.25	
Supplies .....	434.74	
Animal Food .....	317.27	
Radio .....	165.40	
Water .....	127.17	
New Fence .....	1,254.79	
Miscellaneous .....	199.27	

**"Bowling Green"**

Labor .....	\$3,872.29	
Materials .....	2,442.61	6,314.90
		<u>\$19,161.21</u>

**Maintenance—Common**

Gardener .....	\$1,591.50	
Police .....	3,182.40	
Pension .....	459.50	
Labor .....	2,206.48	
Coal .....	47.15	
Lights .....	244.04	
Seeds .....	23.18	
Repairs .....	296.41	
Supplies .....	139.01	
Water .....	99.26	
Miscellaneous .....	43.02	
		<u>\$8,331.95</u>

**Maintenance—Hazelwood Park**

Labor .....	\$6,309.42
Telephone .....	42.00
Lights .....	90.12
Repairs .....	264.34
Supplies .....	353.04
Gasoline .....	48.45
Radio .....	93.75
Attendant, Comfort Station .....	313.30
Water .....	183.44
Supplies, Bowling Green .....	175.06
Miscellaneous .....	91.20
	<hr/>
	\$7,965.12

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**Maintenance—Ashley Park**

Labor .....	\$1,297.95
Maintenance .....	1,618.54
	<hr/>
	\$2,916.49

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**Maintenance—Grove Park**

Labor .....	\$986.94
Maintenance .....	466.11
	<hr/>
	\$1,453.05

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**Maintenance—Bridge Approach**

Labor .....	\$996.75
Maintenance .....	433.39
	<hr/>
	\$1,430.14

**Battery "D" Park**

Curbing and Flag Pole ..... \$1,704.77

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**Maintenance—Victory Park**

Labor .....	\$1,642.50
Maintenance .....	2,699.92
	<hr/>
	\$4,342.42

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**Triangle Park**

Maintenance ..... \$50,000

Respectfully submitted,

E. B. SHERMAN,  
General Superintendent.

CITY OF NEW BEDFORD.

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IN BOARD OF ALDERMEN,

March 12, 1925.

Received, ordered printed in the City Documents and  
sent down for concurrence.

RODOLPHUS A. SWAN,  
City Clerk.

---

IN COMMON COUNCIL,

March 12, 1925.

Concurred.

RUTH G. HILTON,  
Clerk.

ANNUAL REPORT  
OF THE  
**CHIEF OF POLICE**  
OF THE  
CITY OF NEW BEDFORD  
MASSACHUSETTS

For the Year Ending December 31,

**1924**



NEW BEDFORD, MASS.  
THE UNIVERSAL PRESS—PRINTERS  
1925





# Annual Report of the Chief of Police

CITY OF NEW BEDFORD, MASS.

JANUARY 1, 1925.

*To the Honorable Edward R. Hathaway, Mayor, and  
the City Council of the City of New Bedford:*

Gentlemen:

Herewith is transmitted a report of the activities of the New Bedford Police Department for the Administrative year beginning January 1, 1924, and ending December 31, 1924. The available records for the preceding year have been incorporated to the end that this report should be as comprehensive as possible.

The Citizens of New Bedford are not so well advised; but they, too are an interested party to the work and accomplishments of this department. It is hoped that through you the citizens may also be given the information transmitted.

It is for the safety, protection and accommodation of the public that the Police Department functions. It is the public's money that pays the expenses. It is proper that the paymaster should know how the accomplishments have been secured.

During the past year the press and public have given helpful assistance. This has aided in achieving such betterments as have been realized. Censure has been absent. For the aid given we are sincerely grateful.

The good character, high sense of duty, and close co-operation which prevails among the men of the department is notable. The records show the value of these characteristics. To those connected with the administrative department of New Bedford, sincere thanks are to be given for their hearty support and active interest.

I trust that the information and details which are here transmitted will meet with your approval and warrant a continuance of the same valued assistance.

This department consists of the following:

Chief	1	Policewoman	1
Deputy Chief	1	Matron	1
Chief Inspector	1	Stenographers	3
Captain of Detectives	1	Chauffeurs	3
Captains	5	Electrician	1
Lieutenants	13	Lineman	1
Detective Lieutenants	6	Telephone operator	1
Sergeants	10	Janitors	2
Detective Sergeants	9	Cleaners	2
Patrolmen	213	On pension	12
Supervisor of Motor Equipment	1		

Total 288

Number of Reserve Officers 36

Number of arrests during the year 4407

	Arrests by months	Males	Females
January	375	338	37
February	289	265	24
March	353	330	23
April	449	417	32
May	375	330	45
June	429	384	45
July	364	320	44
August	355	325	30
September	378	351	27
October	346	325	21
November	361	343	18
December	333	309	24

4407 4037 370

Americans	1794	Arrests in 1919	2354
Foreigners	2613	Arrests in 1920	2443
Non-residents	575	Arrests in 1921	3706
Minors	512	Arrests in 1922	3736
On Warrants and Summonses	1922	Arrests in 1923	4315

#### NATIVITY OF PRISONERS

Albania	3	Norway	2
Austria	26	Palestine	1
Arabia	1	Philippine Islands	1
Azores Islands	417	Poland	251
Belgium	6	Portugal	345
Canada	510	Russia	79

# REPORT OF CHIEF OF POLICE

5 q

Cape de Verde Islands	203	Scotland	9
China	9	South America	14
Denmark	2	Spain	6
England	279	St. Helena	4
Finland	3	Straits Settlements	1
France	10	Sweden	11
Germany	11	Syria	21
Greece	35	Turkey	1
Ireland	101	United States	1794
Italy	50	Wales	4
Lithuania	1	West Indies	15
Madeira	181		

4407

OFFENCES	Male	Female	Total
Adultery	13	9	22
Arson	1	0	1
Assault	4	0	4
Assault and battery	239	33	272
Assault, indecent	3	0	3
Assault on a police officer	10	0	10
Assault to rob	3	0	3
Assault with intent to murder	1	0	1
Aiding in delinquency of minor children	0	1	1
Accosting a person of opposite sex	1	0	1
Admitting a minor to poolroom	5	0	5
Begging	1	1	2
Betting on a prize fight	1	0	1
Blackmail	2	0	2
Breaking glass in a street	7	0	7
Breaking, entering and larceny	105	0	105
Breaking and entering with intent to commit larceny	10	0	10
Bribery, attempt	1	0	1
Club nuisance, keeping	3	0	3
Club liquor nuisance, keeping	9	0	9
Club liquor nuisance, assisting in keeping	4	0	4
Conducting a lodging house without a license	0	2	2
Carrying a weapon	19	0	19
Chastity laws, violating	3	2	5
City Ordinances, violating	18	1	19
City Ordinance relative to Traffic Regulations, violating	102	0	102
Concealing leased property	16	2	18
Concealing mortgaged property	1	0	1
Conspiracy to rob	2	0	2
Contempt of Court	39	4	43
Cruelty to animals	8	0	8
Conveying encumbered land without notice	3	1	4
Cutting down trees	1	0	1
Collecting junk without a license	2	0	2
Collecting garbage without a permit	1	0	1

OFFENCES	Male	Female	Total
Deserter	5	0	5
Desertion	20	0	20
Disorderly conduct	3	0	3
Disturbing the peace	77	10	87
Disturbing a religious meeting	0	1	1
Drawing a fraudulent check	10	0	10
Drunkenness	1404	79	1483
Driving a vehicles without a light	4	0	4
Destruction of real property	5	0	5
Disturbing a funeral porcession	1	0	1
Defrauding an inn holder	1	0	1
Escape from insane hospital	0	1	1
Extortion	1	0	1
Forgery	1	0	1
Fornication	7	8	15
Fugitive from justice	2	0	2
Fraudulently disposing of consigned merchandise	1	0	1
Firing a revolver in a public street	1	0	1
Gaming house, keeping	1	0	1
Gaming nuisance, keeping	14	0	14
Gaming, present at	160	0	160
Giving a fraudulent check	1	0	1
Giving a cigarette to a person under 18 years	1	0	1
Giving a false alarm of fire	6	0	6
Habitual truant	3	0	3
Having a vehicle without a light	1	0	1
Idle and disorderly	34	13	47
Illegitimate children law, violation	31	0	31
Illegal sales of liquor	71	31	102
Indecent exposure	2	0	2
Injury to property	31	5	36
Insane	3	1	4
Interfering with an officer	7	0	7
Illegal practice of medicine	3	0	3
Impersonating an officer	4	0	4
Injury to a shade tree	1	0	1
Keeping a disorderly house	6	11	17
Keeping a liquor nuisance	39	6	45
Keeping liquor with intent to sell	300	82	382
Keeping non-intoxicating beverages for sale illegally	2	0	2
Keeping an unlicensed dog	6	0	6
Keeping a garage and gasoline unlicensed	2	0	2
Kidnapping	1	1	2
Keeping an unlicensed poolroom	1	0	1
Keeping gaming implements	3	0	3
Keeping gasoline in a building	1	0	1
Labor laws, violating	16	1	17
Larceny	142	6	148
Larceny, attempt	4	0	4
Lewdness	7	6	13
Lewd and lascivious cohabitation	14	13	27
Lodging house laws, violating	2	0	2

## REPORT OF CHIEF OF POLICE

7 q

OFFENCES	Male	Female	Total
Loitering	21	0	21
Loitering and using obscene language	6	0	6
Manslaughter	2	0	2
Manufacturing liquor	9	0	9
Motor vehicle laws, violating	534	5	539
Murder	0	1	1
Narcotic drug laws, violating	6	0	6
Neglect of children	4	5	9
Neglect of family	134	0	134
Neglected children	7	7	14
Neglect of parent	6	2	8
Obstructing an officer	0	1	1
Obstructing a railroad engine	1	0	1
Obstruction of laws, violating	6	0	6
Parole, violating	5	1	6
Perjury	3	0	3
Probation, violating	13	0	13
Profanity	3	0	3
Promoting a lottery	2	0	2
Polygamy	2	0	2
Purchasing junk from a minor	1	0	1
Rape	27	0	27
Rape, attempt	7	0	7
Receiving stolen property	1	1	2
Riding a bicycle without a light	35	0	35
Robbery	5	0	5
Runaways	4	4	8
Restraint of trade	1	0	1
Selling air gun to a minor	1	0	1
Selling tobacco to a minor	0	1	1
Sale of debilitated horse	1	0	1
Sale of mortgaged property	2	0	2
Sale of cigarettes to a minor	2	0	2
Stubbornness	5	5	10
Threats	10	0	10
Transportation of intoxicating liquor	2	0	2
Trespass	5	0	5
True name law, violating	1	3	4
Trespass on railroad	7	0	7
Unnatural act, committing	1	0	1
Unlawful use of milk vessels	1	1	2
Unlawful possession of firearms	1	0	1
Unlawful possession of explosives	1	0	1
Untrue and misleading advertisements	1	0	1
Unlicensed dealer in second hand motor vehicles	2	0	2
Unlicensed inn holder	1	0	1
Uttering a fraudulent check	2	0	2
Vagrants	13	1	14
Violation of Bread Weight law	3	0	3
Violation of game laws	1	0	1
Violation of shell fish laws	5	0	5
Violation of firearms laws relative to aliens	13	0	13



## REPORT OF CHIEF OF POLICE

OFFENCES	Male	Female	Total
Violation of hawkers and peddlers law	1	0	1
Violation of metropolitan park regulations	1	0	1
Violation of soft drink laws	4	1	5
Violation of sale of securities act	3	0	3
Wilfully breaking glass	1	0	1
	<hr/> 4037	<hr/> 370	<hr/> 4407

## PRIMARY DISPOSITION OF CASES.

Placed on file	725
Sentenced to penal institutions and committed	176
Sentenced to penal institutions and suspended	233
Sentenced to penal institutions and appealed	138
Fined and paid	1162
Fined and suspended	104
Fined and appealed	106
Fined and committed	85
Fined and sentenced to penal institutions and committed	11
Fined and sentenced to penal institutions and appealed	52
Fined and sentenced to penal institutions and suspended	32
Continued on probation	161
Released	643
Defaulted	57
Bound over to Grand Jury	105
Adjudged not guilty	163
Bonded to keep the peace	5
Insane hospitals	4
Delivered to out of city officers	27
Delivered to military authorities	4
Delivered to Department of Public Welfare	3
Delivered to keeper of jail	9
Delivered to Superior Court	16
Bailed to appear at Superior Court	5
Complaints dismissed	282
Summoned for out of the city	80
Bailed to appear out of the city	6
Adjudged guilty of being father of child and appealed	5
Died in cell	1
Delivered to parent	6
Delivered to Children's Aid Society	1

## AMOUNT OF FINES PAID IN THE THIRD DISTRICT COURT

from January 1, 1924, to December 31, 1924, inclusive.

Accosting a person of opposite sex	\$ 15.00
Admitting a minor to pool room	90.00
Adultery	100.00
Assault and battery	1,405.00
Assault on an officer	100.00
Carrying a weapon	800.00
City Ordinances, violating	1,110.00
Cruelty to animals	10.00
Club nuisance, maintaining	100.00
Club liquor nuisance, assisting in maintaining	100.00

## REPORT OF CHIEF OF POLICE

9 q

Contempt of Court	25.00
Cutting down trees	20.00
Deriving support from a prostitute	100.00
Disorderly conduct	20.00
Disturbing the peace	630.00
Disturbing a religious meeting	25.00
Driving a vehicle without a light	25.00
Drunkenness	430.00
Fornication	205.00
Gaming implements, keeping	100.00
Gaming nuisance, keeping	250.00
Gaming nuisance, maintaining and present at gaming	200.00
Gaming, present at	1,175.00
Giving a cigarette to a minor	25.00
Giving a false alarm of fire	100.00
Hunting during closed season	10.00
Illegal practice of medicine	100.00
Illegal sales of liquor	3,900.00
Illegitimate children law, violating	5.00
Impersonating an officer	25.00
Injury to property	95.00
Injury to a shade tree	15.00
Interfering with an officer	75.00
Keeping a disorderly house	200.00
Keeping an unlicensed dog	40.00
Keeping non-intoxicating beverages illegally	75.00
Keeping liquor with intent to sell	21,325.00
Keeping a liquor nuisance	1,025.00
Keeping a garage and gasoline unlicensed	25.00
Keeping an unlicensed poolroom	10.00
Larceny	45.00
Lewdness	210.00
Manufacturing liquor	250.00
Motor vehicle laws, violating	9,765.00
Neglect of family	20.00
Obstructing an officer	50.00
Ridin ga bicycle without a light	190.00
Sale of cigarettes to a minor	50.00
Sale of air gun to a minor	25.00
Sale of debilitated horse	5.00
Selling tobacco to a minor	15.00
Throwing glass in the street	5.00
Unlawful possession of explosives	50.00
Unlicensed dealer in second-hand vehicles	50.00
Violation of the alien firearms law	300.00
Violation of hawkers and peddlers law	10.00
Violation of oleomargarine law	500.00
Violation of labor laws	60.00
Violation of probation	5.00
Violation of shellfish laws	120.00
Violation of soft drink law	100.00
Violation of true name law	35.00
Violation of the weights and measures law	40.00
Wilfully breaking glass	55.00

Total

\$46,040.00

## DISPOSITION OF SUPERIOR COURT CASES.

Fined	124
Fined and sentenced to penal institutions	13
Sentenced to penal institutions	48
Continued	51
Filed	82
Probation	81
Nolprossed	17
Defaulted	6
Dismissed	1
Not guilty and discharged	10
No bill found	6
Committed to M. S. P. C. C., Boston	2
	<hr/> 441

## FINES PAID IN SUPERIOR COURT.

Adultery	\$ 250.00
Assault and battery	80.00
Assault on an officer	65.00
Assault with a dangerous weapon	100.00
Assault, indecent	50.00
Breaking, entering and larceny	50.00
Carrying a weapon	100.00
Cruelty to animals	50.00
Disturbing the peace	55.00
Drunkenness	150.00
Gaming, present at	105.00
Illegal sales of liquor	850.00
Illegal practice of medicine	250.00
Impersonating an officer	50.00
Interfering with an officer	50.00
Keeping liquor with intent to sell	2,710.00
Keeping a liquor nuisance	500.00
Keeping non-intoxicating beverages illegally	50.00
Labor laws, violating	40.00
Lewd and lascivious cohabitation	50.00
Motor vehicle laws, violating	1,375.00
Obstructing an officer	30.00
Larceny	75.00
Present where narcotics were found	25.00
Perjury	150.00
Subornation of perjury	150.00
Sale of cigarettes to a minor	20.00
Rape	200.00
Rape, attempt	200.00
Unnatural act	100.00
Violation of City Ordinance	15.00
Violation of alien firearms law	100.00
Total	<hr/> \$8,045.00

## RECAPITULATION.

Amount of fines paid in Third District Court	\$46,040.00
Fines paid in the Superior Court, February term	2,240.00
Fines paid in the Superior Court, June Term	2,455.00
Fines paid in the Superior Court, November Term	3,350.00
Total amount of fines paid	<hr/> \$54,085.00

## WARRANTS AND SUMMONSES SERVED BY THIS DEPARTMENT FOR THE POLICE OF OTHER CITIES AND TOWNS.

## OFFENCES.

Violation of motor vehicle laws	67
Violation of parole	4
Breaking, entering and larceny	2
Neglect of family	4
Manslaughter	1
Violation of City Ordinances relative to traffic	10
Runaways	2
Collecting junk without a license	1
Larceny	3
Idle and disorderly	1
Violation of illegitimate children law	2
Contempt of Court	2
Violation of metropolitan park regulations	1
Defrauding an inn holder	1
Insane	3
Violation of probation	1
Deserter	1
Uttering a fraudulent check	1
Selling securities without a license	1
Total	<hr/> 108

## WARRANTS AND SUMMONSES SERVED FOR THIS DEPARTMENT BY THE POLICE OF OTHER CITIES AND TOWNS.

## OFFENCES.

Violation of motor vehicle laws	36
Drawing a fraudulent check	1
Larceny	3
Violation of City Ordinances relative to traffic	12
Assault with a dangerous weapon	1
Assault and battery	1
Violation of destitute parent law	2
Violation of parole	1
Neglect of family	1
Concealing leased property	1
Total	<hr/> 59

## REPORT OF CHIEF OF POLICE

## REPORT OF THE DETECTIVE DEPARTMENT.

Total value of property recovered	\$34,221.87
Number of arrests	246
Number of cases investigated	13,000
Notices served	24
Search warrants served for liquor	4
Search warrants served for stolen property	5
Notices sent out on stolen property	1,463
Notices sent out on murderer wanted	208
Notices sent out on missing persons	50
Witnesses summonsed	128
Horses killed	1
Arrests on warrants	146
Arrests on summonses	8
Arrests without warrants or summonses	92
Hours of extra duty	590
Bicycles found	5

Respectfully submitted,

WALTER ALMOND,

Chief Inspector.

## REPORT OF IDENTIFICATION BUREAU.

The following is a report for the year 1924, of identification work. Bureau of Criminal Identification.

Total finger print records	3,273
Increase from last report	757
Criminals identified and convicted through prints found where crime was committed	6
As above by hand writing	2
Finger-print records furnished other Departments	41
Identifications made, previous record in other cities	39
Cases investigated outside of Bureau	97
Money or securities recovered	\$2,100
Property recovered	\$125

During the year many cases of fraudulent stock deals have been referred to this Bureau, by the Board of Commerce, and local attorneys representing clients, resulting in one stock broker losing his license to operate in this State as a broker, also the suspension of other incorporated companies from doing business in this State, thus saving the public large sums of money, as well as causing several adjustments to be made through local attorneys representing clients.

In April of this year, an exceedingly large number of store breaks were made at night in the city. During this period the entire police force was required to work extra hours, in an effort to apprehend the offenders. Through the work of the Identification Bureau, the criminals were identified and convicted. The offenders admitting they entered the greater part of the stores in which breaks were made.

Respectfully submitted,

LIEUT. RAYMOND CHASE,

Supervisor, Criminal Identification.



## REPORT OF CHIEF OF POLICE

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## REPORT OF LIQUOR AND VICE SQUAD.

Liquor search warrants served	471
Narcotic search warrants served	2
Gaming search warrants served	2
Total	475

## ARRESTS.

Keeping liquor	333
Keeping liquor nuisance	35
Illegal sales of liquor	58
Drunkenness	116
Being present at gaming	62
Keeping a gaming nuisance.	6
Illegal possession of narcotic drugs	1
Being present where narcotic drug was found	3
Attempted bribery of police officer	1
Operating auto under influence of liquor	9
Violation of automobile laws	18
Alien in possession of firearm	8
Neglect of family	6
Arrested upon a capias	8
Arrested on a bench warrant	1
Keeping club liquor nuisance	13
Interfering with a police officer	1
Keeping non-intoxicating beverage	1
Assault and battery	14
Breaking and entering	6
Keeping disorderly house	5
Violation of illegitimate child law	2
Larceny from the person	4
Violation of City Ordinance	1
Violation of Chastity laws	3
Lewd and lascivious cohabitation	5
Transporting liquor	1
Assault with intent to kill	1
Fornication	1
Manufacturing liquor	5
Operating auto after license suspended	2
Using auto without consent of owner	4
Concealing leased property	2
Adultery	6
Breaking glass	1
Violation of lodging house laws	1
Violation of true name law	2
Assault on a police officer	1
Vagrancy	3
Disturbing the peace	3
Threatening bodily harm	1
Carrying revolver without a license	3
Violation of soft drink laws	1
Violation of slung-shot laws	1
Malicious mischief	1



## REPORT OF CHIEF OF POLICE

Indecent exposure	1
Illegal possession of explosives	1
Idle and disorderly	16
Total	<hr/> 778

Stolen property recovered	\$506.65
Assisted government agents	12
Still's destroyed	97
Extra hours of duty	1037
Summonses served	247
Landlord notices served	107
Liquor notices served	361
Cases investigated	1711
Amount of fines paid in Third District Court	\$29,485
Amount of fines appealed to Superior Court	\$8,140
Amount of fines levied in Third District Court	\$37,625

Respectfully submitted,

SERGT. ELLSWORTH C. JACOBS.

## REPORT OF CHIEF OF THE TRAFFIC SQUAD.

## ARRESTS.

Assault and battery	3
Disturbing the peace	2
Drunkenness	25
Indecent exposure	1
Larceny	1
Present at gaming	3
Violation of Motor Vehicle Laws	30

Total	<hr/> 65
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Summonses requested for violation of Motor Vehicle Laws	258
Search warrants served for liquor keeping	1

Total Court cases	<hr/> 324
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Fines paid	\$4,370.00
Committed to Shirley	1
Two years, House of Correction, on probation	3
Eight months, House of Correction	3
Thirty days, House of Correction, suspended	1
Warrants served	57
Defendant Summonses served	171
Witness summonses served	585
Value of stolen property recovered	\$9,132.25
Warned for violation of automobile laws	2231

## MISCELLANEOUS.

Bicycles found	3
Defective sidewalks reported	1
Dog licenses investigated	74
Dogs killed	1
Fire alarms given (still)	4

## REPORT OF CHIEF OF POLICE

15 q

Jurors' lists investigated	4
Lost children found and returned	22
Street obstructions reported and removed	1
Hours of extra duty	483

During the year 1924, fourteen newly appointed police officers were instructed for one week each in the handling of traffic in the center of the city.

On November 5, 1924, the entire personnel of the Traffic Division was equipped with Save a Life Lights, which have proved to be a great help, both to the traffic officers as well as to the motorists.

The system of warning automobile drivers for trivial violations of the automobile laws, has been very successful. Only half a dozen have been tagged for the second time, out of the 2231 tagged during the year.

Numerous complaints have been made against automobile drivers by private citizens. These complaints were thoroughly investigated and where the facts warranted it, court action was taken.

The first serious accident to a New Bedford Traffic Officer happened when, on October 31, 1924, Eudore M. Carroll, stationed at the corner of Union and County Streets, was run over by a Ford Touring Car owned and operated by Urbano L. Souza, an orderly at St. Luke's Hospital, who was an unlicensed operator and alone at the time. Carroll received a broken left leg and he is still confined at St. Luke's Hospital.

One officer has been added during the year to the Traffic Division and he has been assigned to Motorcycle Traffic Duty.

The Traffic Division now consists of a Sergeant and twenty-one officers.

Respectfully submitted,

IVAR V. NELSON,  
Chief of Traffic Squad.

## REPORT OF POLICE MATRON.

Total number of prisoners in Woman's Lockup during the year	169
Lost children	7
Insane	3
Lodger	1
Detained girl	1
Child with mother	1

Respectfully submitted,

SARAH M. BROWNELL,  
Police Matron.

## REPORT OF INSTRUCTOR OF POLICE SCHOOL.

I have the honor to submit to you my report of the Police Mental School for the term beginning December 3, 1923 and ending February 1, 1924.

During that time I have had to the School two afternoons a week, the eighteen patrolmen that were appointed in 1922, this being their second year at School. I went over the same course

## REPORT OF CHIEF OF POLICE

with them that I did the year previous and found that they had retained about everything, with a few exceptions.

During the month of January, 1924, I had the twelve patrolmen that were appointed in December, 1923. They came two afternoons a week for five weeks. I found these men very willing and anxious to learn, and feel that with the proper training, which they should receive from their superiors after they leave me at the School, and go on patrol duty, they will make efficient officers.

Very truly yours,

LIEUTENANT ALBERT B. MacKINSTRY,  
Instructor of Police Mental School.

## REPORT OF POLICEWOMAN.

The following is my report for the year ending December 31, 1924.

## Investigations:

Dances supervised	278
Homes	241
Cases with Inspectors	11
Interviews with parents, guardians and girls	143
Cases referred to Welfare Organizations	23
Girls accompanied to Clinics	14
Accompanying Commitments from Court to	
Lancaster	3
Sherborn	3
State Hospital for Insane	10
Schools for Feeble-minded	3
House of Good Shepherd	2

Respectfully submitted,

MYRTLE E. CODY,  
Policewoman.

## MISCELLANEOUS BUSINESS.

Amount of property reported stolen	\$182,895.83
Amount of stolen property recovered	163,973.71
Amount of lost property found	3,791.98
Accidents	920
Animals impounded	2
Ambulance calls	2952
Automobiles found abandoned	34
Bicycles found	101
Buildings found open and secured	999
Cases investigated	36,234
Dangerous buildings reported	2
Dangerous dogs reported	27
Dangerous wires reported	172
Defective streets and sidewalks	388
Defective hydrants	9
Defective sandcatchers	8

# REPORT OF CHIEF OF POLICE

17 q

Defective water pipes	7
Dead bodies found	17
Disturbances suppressed	202
Dog lost and found	1
Dog notices served	4
Dog licenses notices investigated	1356
Dogs killed	37
Fire alarms given	13
Fire alarms given (still)	20
Fires extinguished without alarms	23
Garage investigations	2739
Horses found cast	1
Horses killed	9
Hours of extra duty	7631
Intoxicated persons helped home	19
Juror list investigated	1421
Lost children found and returned	460
Notices served	757
Notices "Venire" served	20
Notices sent out on murderer wanted	16
Notices sent out on missing person	50
Notices sent out on break	100
Rescued from drowning	1
Stray teams picked up	5
Stray horses picked up	4
Stolen property notices sent out	1555
Street obstructions reported	76
Street obstructions removed	23
Search warrants for liquor served	551
Search warrants for stolen property served	6
Search warrants for gaming implements served	5
Search warrants for drugs served	2
Sick and injured persons assisted	34
Witnesses summonsed	2589
Runaway horse stopped	1
Water running to waste	36
Applications for license for lodging house	176
Applications for license for Common Victualer	133
Applications for license for Sunday privilege	345
Applications for license for soft drinks	133
Applications for license for Special Police	126
Applications for license for Inn Holder	6

## AUTOMOBILES STOLEN AND RECOVERED.

Automobiles stolen	171
Automobiles recovered	*177

\*This figure represents 12 automobiles which were recovered for other cities. (That is, stolen in other cities and recovered in New Bedford.) A Buick Coupe, a Buick Touring Car, 3 Ford Sedans and 1 Motorcycle stolen in New Bedford were not recovered, and no trace of them has been found.

## PERSONS REPORTED MISSING.

	Missing	Found	Still Missing
*Boys	94	94	0
*Girls	38	38	0
Men	23	22	1
Women	16	16	0
	<hr/> 171	<hr/> 170	<hr/> 1

\* Under 21 years of age.

MOTOR VEHICLE ACCIDENTS WHERE INJURY TO  
PERSON RESULTED.

Number of accidents where injury to person resulted	573
Number of persons fatally injured	7
Number of persons severely injured	89
Number of persons not severely injured	514

Total	610
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(Included in th above)

Under 16 years of age fatally injured	4
Under 16 years-of-age injured	274

## GAMEWELL POLICE SIGNAL SERVICE' REPORT.

Number of duty calls	497,115
Number of wagon calls	1,585
Number of telephone calls	102,102

## NUMBER OF MILES COVERED BY MOTOR VEHICLES.

Number of miles covered by ambulance (in center)	6,678
Number of miles covered by ambulance (North)	6,273
Number of miles covered by Patrol wagon	6,137
Number of miles covered by Paige touring car	11,054
Number of miles covered by Buick touring car	9,331
Number of miles covered by Hupmobile touring car	17,488
Number of miles covered by Dort touring car	15,068
Number of miles covered by Dodge touring car	11,161
Number of miles covered by Ford	912
	<hr/> 84,102



## PERSONNEL OF THE FORCE

## CHIEF

Edward P. Doherty

## DEPUTY CHIEF

Samuel D. McLeod

## CAPTAINS

Daniel Deneen  
John T. McKayJames W. Savage  
Frank W. Sylvia  
Hermes Touchette

## CHIEF INSPECTOR

Walter Almond

## CAPTAIN OF DETECTIVES

George R. Lawrence

## LIEUTENANTS

Narcisse A. Breault  
Raymond Chase  
Harry C. Ellis  
Thomas Fay  
Edmund Foley  
Arod B. HollowayAlbert B. MacKinstry  
Charles L. McBay  
James J. Moore  
Albert E. Mosher  
Frank L. Remington  
Chester L. Tripp  
William Welsh

## DETECTIVE LIEUTENANTS

James E. Bolton  
William T. Cole  
William F. GlennonJoseph S. Manning  
Raphael Pieraccini  
Charles F. Smith

## SERGEANTS

Edward O. Brophy  
Charles F. Daley  
Joseph A. Fernandes  
Daniel F. Harrington  
Edgar E. HeadEllsworth C. Jacobs  
Lawrence Murphy  
Ivar V. Nelson  
Joseph A. Sanders  
Augustus F. Velho

## DETECTIVE SERGEANTS

John W. Davies  
Wilfred H. Dupuis  
Charles Fell  
Raymond HamersleyLuke T. Haran  
Anthony C. Lemaire  
William H. McCarty  
William S. P. Murphy  
George A. Wilson

## STENOGRAPHERS

P. Bert Taylor

Isabel F. Murphy

Estella B. Knox



## REPORT OF CHIEF OF POLICE

## INSTRUCTOR OF POLICE SCHOOL

Lieutenant Albert B. MacKinstry

## SUPERVISOR OF IDENTIFICATION BUREAU

Lieutenant Raymond Chase

## DEPARTMENT CLERK

Lieutenant Albert E. Mosher

## INSPECTOR OF MINOR LICENSES

Det. Lieut. Joseph S. Manning

## IN CHARGE OF LIQUOR AND VICE SQUAD.

Sergeant Ellsworth C. Jacobs

## CHIEF OF TRAFFIC SQUAD

Sergeant Ivar V. Nelson

## SUPERVISOR OF MOTOR EQUIPMENT

Joseph V. Turgeon

## POLICEWOMAN

Myrtle E. Cody

## POLICE MATRON

Sarah M. Brownell

## TELEPHONE OPERATOR

Anna E. Harrington

## ELECTRICIAN

Lewis A. Frost

## LINEMAN

Philius Cormier

## PATROLMEN:

	Age	Years of Service
Aillery, Constant	52	15
Allen, Charles E.	56	22
Almond, William Jr.	52	29
Aque, Leo S.	41	4
Barbour, Robert L.	47	15
Bedford, Ellverardo	44	8
Belisle, Victor	31	5
Berry, James W.	33	8

## REPORT OF CHIEF OF POLICE

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	Age	Years of Service
Blackburn, Hargreaves	36	6
Boehler, Max F.	40	11
Bonney, Stephen K.	33	5
Bourgeois, Albini	44	8
Boyer, Robert	27	2
Breault, Joseph A.	48	11
Brennan, Michael J.	38	8
Brien, Henri E.	26	
Briggs, Myron S. A.	50	13
Brightman, Ellery E.	56	16
Burgess, Edward	39	8
Burgess, John H.	40	
Burke, Henry	38	4
Burke, John F.	35	5
Carr, James, Jr.	27	2
Carr, Thomas E.	31	5
Carrier, George B.	29	2
Carroll, Eudore M.	35	5
Carroll, James M.	32	5
Cash, James	51	13
Caswell, Charles A.	59	19
Cawley, Michael J.	26	
Cayton, Joseph W.	28	3
Chaput, Elrick M.	29	2
Chausse, Onat A.	41	8
Chenel, Albert J.	48	6
Clayton, Hugh A.	27	1
Coombs, Isaac C.	34	6
Cote, Wilfred	30	5
Cotnoir, Vincent S.	26	3
Cotter, Joseph W.	27	
Coughlin, John J.	29	2
Coughlin, Timothy W.	40	
Cox, Owen J.	34	4
Craft, James F.	61	20
Craft, John H.	32	
Crapo, Albert A., Jr.	47	18
Cushing, William S.	54	20
Dahoney, Thomas	66	34
Dalton, Moses J.	38	1
Davis, Albion G.	36	4
Deane, James	53	15
Deane, Michael J.	35	5
DeGrasse, Charles H.	53	8
DeMello, Manuel	28	
Desjardins, Joseph A. C.	29	4
Desroches, Louis H.	45	4
Doherty, Thomas	49	11
Donnelly, Joseph H.	25	1
Downey, Daniel	55	19
Downey, James J.	27	1
Downey, Stephen P.	37	6
Downey, William M.	48	13

	Age	Years of Service
Doyle, John K.	29	2
Dresner, William W.	29	
Dufresne, Arthur A.	24	1
Dupuis, Patrick H.	39	13
Durant, Lawrence J.	55	22
Durkin, James J.	34	2
Evans, John	48	13
Fanning, John F.	48	15
Faunce, Albert M.	45	7
Fay, John H.	45	18
Fowler, Harry	36	8
Francis, Antone	44	11
Freitas, Manuel	46	15
Gatenby, James S.	52	15
Gero, Henry	35	6
Gibbs, Nathaniel F.	56	22
Gilman, Joseph C.	32	4
Gobeil, Joseph	38	8
Goldrick, Daniel J.	27	3
Goldrick, James F.	36	4
Grant, George P.	48	17
Gregory, William	53	13
Haggerty, Timothy F.	42	11
Hall, Harry C.	32	3
Harding, James P.	51	17
Harrington, Michael J.	30	5
Hayden, Abram L.	53	20
Hawes, Harry C.	41	8
Hickey, James M.	39	8
Hickey, Philip C.	29	3
Hickey, William B.	42	11
Hicks, William	38	2
Hilton, John	29	2
Hirst, Robert W.	26	
Hollingsworth, George	33	4
Horton, Eliphalet M.	60	20
Howes, Charles M.	39	12
Hutchinson, George R.	44	6
Hutchinson, Joseph	26	2
Irwin, Henry, Jr.	54	15
Johnson, Emery W.	35	2
Johnson, Harry	46	15
Kane, John A.	37	8
Karcher, Frederick, Jr.	64	22
Kelley, Eugene J.	36	2
Kelley, Michael J.	48	8
Kenney, Patrick	70	30
King, Anthony A.	29	2
Koutroumpis, George J.	34	4
Lague, Ernest A.	34	6
Landreville, Joseph E. A.	36	6
Lapierre, William A.	44	4
LaRoche, William T. J.	27	2

Larochelle, Eugene T. J.	25	1
Law, Jesse, Jr.	31	4
Leahy, William T.	48	17
Lemrise, Albert T.	41	6
Lentz, Joseph A.	40	11
Livesey, Albert	29	2
Loomis, Timothy E.	27	
Lussier, Peter	40	4
MacFarlane, Joseph A.	48	8
Machado, Frank S.	26	2
Machado, Manuel	36	5
Manchester, Charles A.	42	4
Manning, James L.	46	6
Maynard, John E.	34	8
McGrohan, John H.	40	13
McDermott, Edward T.	33	3
McDonnell, James	56	28
McGoff, James E.	50	13
McGuire, Edward J.	30	
McLeod, Andrew F.	30	4
McNamee, John J.	38	6
McNeeley, Thomas	28	1
Masse, Napoleon O.	31	1
Mendonca, John S.	30	2
Messier, Joseph A.	44	6
Miller, John J.	50	17
Millette, Frank J.	35	4
Mitchell, William	44	17
Moore, Hugh J.	27	4
Mott, Cassius B.	49	8
Muldoon, Patrick J.	31	5
Muldoon, Thomas	43	8
Mullins, Doran L.	29	1
Mullins, Enoch	57	15
Murdy, Robert H.	57	20
Murphy, Edward	42	12
Murphy, Francis A.	46	15
Nault, Joseph C.	40	15
Nickerson, Charles F.	51	24
Normandin, Peter N.	30	4
Nunes, George J.	38	6
O'Donnell, William F.	36	4
O'Dowd, Martin F.	38	1
Oliver, John F.	60	31
O'Rourke, John J.	33	8
O'Rourke, Joseph	30	4
O'Rourke, Thomas	32	8
Patterson, Charles G.	46	17
Pelletier, Joseph A.	29	
Perry, Anthony E.	38	8
Pettey, James W.	27	
Place, Joseph A.	61	18
Poirier, David J.	36	8
Pollock, John H.	38	11
Prifogle, Edward	47	13

	Age	Years of Service
Pykosz, Walter	31	5
Raymond, Edward	50	17
Reddy, Michael J.	38	8
Reed, George H.	33	6
Reddy, Joseph J.	38	8
Riley, William, Jr.	34	3
Robbins, William F.	25	
Rooks, Albert H.	58	22
Rooks, John C.	67	38
Ryan, Joseph C.	24	
Schneider, Raoul O.	43	6
Seddon, Edward	29	3
Seddon, John H.	27	
Seddon, Thomas, Jr.	44	8
Sheffield, Harold H.	27	1
Simmons, Manuel	30	1
Smith, John P., Jr.	34	6
Smith, Sidney H.	32	
Souza, William H.	54	11
Spooner, Charles A.	38	8
Spooner, John C.	53	22
Staples, Walter C.	52	11
St. Pierre, Joseph E.	31	6
Sullivan, James H.	60	23
Sullivan, John T.	42	8
Sullivan, Matthew	51	18
Sweeney, James P.	40	4
Sylvia, Antone F.	52	17
Sylvia, Archie A.	33	6
Sylvia, William T.	39	5
Taber, Jeremiah M.	67	33
Trudel, Augustine P.	28	1
Turgeon, Antoine	36	2
Valentine, Thomas A.	39	8
Vogel, Robert F.	57	27
Walsh, John P.	37	8
Waring, Joseph	28	
White, Albert B.	44	17
Wilcox, Seth A.	54	20
Williams, Benjamin F., Jr.	52	18
Williams, Charles H.	50	17
Williams, John O.	40	4
Winterson, Henry B.	40	11
Woolfenden, Albert	47	15

## CHAUFFEURS.

	Age	Service Years of
Dalbec, Edmond	47	16
Meade, James G.	54	18
Ryan, William M.	57	26

## RETIRED ON PENSION.

	Age
Allen, Charles G.	76
Canavan, Patrick	87
Dodds, James	71
Mason, Henry W.	85
McDonald, Daniel J.	62
McEnnis, Robert B.	68
Meehan, Daniel	77
Paige, George W.	78
Stow, Harry D.	68
Taft, Thomas J.	73
Underwood, Willis C.	66
Wixon, James A.	83

## RESERVE FORCE.

	Date of Appointment
Antoniwicz, Boleslaw M.	Dec. 12, 1923
Brown, Hubert C.	Dec. 12, 1923
Chapman, William	Dec. 24, 1924
Doyle, Francis A.	Oct. 9, 1919
Figueira, Alfred	Dec. 24, 1924
Fuller, Harry M.	Dec. 12, 1923
Gatenby, James D.	Dec. 24, 1924
Hughes, Thomas A.	Dec. 27, 1922
Kelley, Albert W.	Dec. 22, 1921
King, George F.	Mar. 13, 1924
LaFrance, Henri	July 17, 1924
Lethbridge, William	Dec. 24, 1924
Levesque, Joseph G.	Dec. 12, 1923
Lynch, John H.	Dec. 24, 1924
Mahon, John F.	Dec. 24, 1924
Martin, Charles A.	Dec. 24, 1924
Mello, Edward G.	Dec. 24, 1924
Moore, Thomas F.	Dec. 22, 1921
Pabis, Antonio L.	Dec. 24, 1924
Palmer, James L.	June 23, 1921
Rainville, Joseph L.	Dec. 24, 1924
Raymond, William	Dec. 27, 1922
Reddy, James F.	Mar. 13, 1924
Roberts, Charles F.	Oct. 9, 1919
Rogers, Gideon D.	July 17, 1924
Sanford, Edward U.	Dec. 12, 1923
Schmidt, William	Dec. 12, 1923
Seddon, Arthur J.	Mar. 27, 1924
Sheredenski, John, Jr.	Dec. 24, 1924
Sherman, George A.	Dec. 26, 1918
Sullivan, Herman J.	Dec. 12, 1923
Thompson, Albert	Dec. 24, 1924
Torres, Frank A.	Jan. 10, 1923
Upham, John H.	Oct. 9, 1919
Walsh, Arthur	June 23, 1921
Wiley, Charles I.	Dec. 24, 1924



## REPORT OF CHIEF OF POLICE

## PROMOTIONS.

Under Civil Service Rules.

On May 22, 1924 the following named patrolmen were promoted to be Detective Sergeants, viz:

Anthony C. Lemaire	William S. P. Murphy
Raymond Hamersley	

## APPOINTMENTS.

On March 13, 1924 the following were appointed from the Civil Service list to be Reserve Police Officers, viz:

George F. King	Joseph C. Ryan
Manuel De Mello	James F. Reddy
John S. Seddon	

On March 27, 1924 Joseph C. Ryan was appointed from the Reserve Police to be a regular patrolman.

On March 27, 1924 Arthur J. Seddon was appointed from the Civil Service list to be a Reserve Police Officer.

On April 24, 1924 Joseph W. Cotter was appointed from the Reserve Police to be a regular patrolman.

On July 17, 1924 the following were appointed from the Reserve Police to be regular patrolmen, viz:

John H. Craft	Sidney H. Smith
John H. Seddon	

On July 17, 1924 the following were appointed from the Civil Service list to be Reserve Police Officers, viz:

Henri E. Brien	Henri La France
Gideon D. Rogers	

On December 24, 1924 the following were appointed from the Reserve Officers list to be regular patrolmen, viz:

John H. Burgess	Robert W. Hirst
Henri E. Brien	Timothy E. Loomis
Michael J. Cawley, Jr.	Edward J. McGuire
Timothy W. Coughlin	Joseph A. Pelletier
Manuel De Mello	James W. Pettey
William W. Dresner	William F. Robbins
Joseph Waring	

On December 24, 1924 Patrolman John H. Fay was appointed to be a regular patrolman, he having previously resigned.

On December 24, 1924 the following were appointed from the Civil Service list to be Reserve Police Officers, viz:

John Sheredenski, Jr.	James D. Gatenby
Edward G. Mello	Charles A. Martin
John H. Lynch	William Chapman
William Lethbridge	Charles L. Wiley
Joseph L. Rainville	Alfred Figueira
John F. Mahon	Albert Thompson
Antonio J. Pabis	

RESIGNATIONS.

The following named patrolmen resigned during the year, viz:

Robert E. French  
Ernest L. Wicker

James J. Moore, Jr.  
John H. Fay

REMOVALS.

On March 6, 1924 Patrolman Orila J. Prudhomme was removed from the department for conduct unbecoming an officer, after hearing and charges sustained.

PENSIONED.

On December 31, 1924 Patrolman James Dodds was retired on a pension.

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*In Memoriam*

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PATROLMAN JAMES MARDER (Retired)  
Died February 28, 1924  
Aged 34 years, 1 month and 19 days

PATROLMAN JAMES A. IVEY (Retired)  
Died September 12, 1924  
Aged 68 years, 7 months and 27 days

PATROLMAN ANDREW J. SMITH (Retired)  
Died September 16, 1924  
Aged 81 years, 7 months and 16 days

## RECOMMENDATIONS.

I respectfully recommend that this Department be given entire use of the building known as "Police Station No. 2," at the corner of Blackmer and South Water Streets. The Department now occupies the first floor and with the increased number of officers in this division, which includes all of the territory south of Cannon Street and west to the Dartmouth line, it is impossible to properly handle the business under the present conditions.

When officers assemble for roll call, there is not room for them to be seated; they have to line up against the wall. Neither is there any room for lockers, etc. This would allow business to be transacted with some degree of secrecy, which is often necessary.

Now that the Library Department has purchased a building site in the south end and contemplates building a new branch library in the near future, I would earnestly recommend that the above recommendation be adopted, including interior changes to be made to make the entire building suitable for police business.

A new Switchboard has been installed in Station No. 5 and now there is not sufficient room to transact the voluminous amount of business transacted in this division in the office where the switchboard is located.

As we have the use of the large room on the second floor, I would recommend that a part of the room be partitioned off and equipped for the use of the inspectors and the officers of the Vice and Liquor Squad. This could be done at a cost of probably less than \$500.00.

I further recommend the purchase of three (3) motorcycles to be used in the residential districts in the west and the north parts of the city, regulating traffic and doing regular patrol work.

The department has now one motorcycle and I find that it's use is indispensable.

This would be an economical proposition as one officer on a motorcycle could easily cover more ground than three (3) patrolmen on a beat. I will include the cost of the motorcycles in my estimate of the department's annual expenses.

It would be absolutely necessary that the department add at least 10 or 12 new police boxes to the number now in use. It would be desirous to have these located principally at outlying points which will answer as a point of communication for motorcycle officers when patrolling the outlying districts.

The police departments in many cities are building what is known as Police Huts; small buildings about 6 feet square with a telephone in.

The above proposition would be less expensive and answer all purposes and would increase the efficiency of the Department and give police protection to outlying districts.

I would recommend that the Department be provided with a book of Rules and Regulations, for the government of the Department. The present regulations we are now operating under, were compiled in the year 1903. The statute laws and City Ordinances have changed since that time, and it is obvious that the present rules are very much antiquated.

Respectfully submitted,

EDWARD P. DOHERTY,  
*Chief of Police.*

CITY OF NEW BEDFORD,

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IN BOARD OF ALDERMEN,

January 22, 1925.

Received, ordered printed in the city documents,  
and sent down for concurrence.

RODOLPHUS A. SWAN,  
City Clerk.

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IN COMMON COUNCIL.

January 22, 1925.

Concurred.

\*RUTH G. HILTON,  
Clerk.







ANNUAL REPORT  
OF THE  
BOARD OF PUBLIC  
WELFARE  
OF THE  
CITY OF NEW BEDFORD  
For the Year 1924



NEW BEDFORD, MASS.  
THE UNIVERSAL PRESS—PRINTERS  
1925.

# BOARD OF PUBLIC WELFARE

For 1924

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JOSEPH CHAUSSE, Chairman

ALICE ST. LAWRENCE

JOHN MONIZ

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## IN MEMORIAM

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ANTHONY H. SENNA

Portuguese Interpreter

From September, 1897

Died May 31, 1924.

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## STAFF

CHARLES A. POIRIER

Secretary and Almoner

ANTONE H. SENNA

Visitor and Portuguese Interpreter

(Died May 31, 1924)

JOSEPH A. DESJARDINS

Clerk and French Interpreter

CHARLES A. McAVOY

Visitor

RAYMOND HALLIWELL

Visitor

MABELLE F. COBB

Stenographer

M. JOSEPHINE TALFORD

Mother's Aid Visitor

LILLIAN T. SOLY

Clerk

ANTONE FRANCIS

Portuguese Interpreter

KATHERINE E. BROWN

Superintendent and Matron of Almshouse

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### Physicians

DR. LOUIS A. PERRAS,

DR. LOUIS J. POBIRS,

DR. CHARLES A. B. PETERSON,

DR. RAYMOND E. SENEAL,

DR. JOHN B. MORRIS.

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### Chaplains at Almshouse

REV. CHARLES S. THURBER

REV. HENRY J. NOON

To His Honor, the Mayor, Board of Aldermen, and  
Members of the City Council,

Gentlemen:—

The Annual Report of the Board of Public Welfare for the year 1924 is herewith respectfully submitted for your approval.

Our general expenses for the year 1924 were \$347,851.25, while those of 1923 were \$336,415.70, showing an increase of \$11,435.55.

The increase is accounted for by the unsettled conditions of our principal industry, which gives employment to so many of our population.

Necessarily, the city's large families are bound to feel the effects of business depression in the mill industry, so that those who depend on the mills are the first affected when their work is suppressed or curtailed.

We need not expatiate on this fact, as everyone knows how uncertain business and industrial conditions have been.

The tables appended below give details of how the appropriation of this Department was expended, and will furnish instructive information to any interested taxpayer who cares to consult them:

Respectfully submitted,

JOSEPH CHAUSSE, Chairman,  
ALICE ST. LAWRENCE,  
JOHN MONIZ,  
CHAS. A. POIRIER, Secretary.

**DETAILED EXPENDITURES FOR OUTSIDE RELIEF DURING FISCAL YEAR DEC. 1, 1923 — NOV. 30, 1924.**

Months	Total Amounts	Overseers	Physicians	Office Clerks	Stationery Printing	Office and Traveling Expenses	Shoes and Clothes	Medicine	City Treasury	Grocery Orders	Fuel	Rent	Transportation	Hospital	Burials	Board Outside Almshouse	State Institutions	Cities and Towns	Miscellaneous	Cash	Fuel	Merchandise	Medical	Hospitals	Burials	Miscellaneous	Cities and Towns		
		ADMINISTRATION																		MOTHERS' AID (GEN. LAWS CH. 118)									
1923	\$19,490.55	\$124.98	\$344.42	\$1,195.36	\$86.50	\$85.82	\$578.05	\$317.30	\$4,876.00	\$3,131.10		\$45.00	\$12.00	\$1,427.95	\$75.00	\$705.32	\$803.97	\$442.58		\$4,500.25		\$86.86	\$66.88	\$341.45		\$13.25	\$133.91		
Jan.	21,781.69	122.48	344.42	1,505.35	120.00	214.10	494.42	300.72	4,360.00	4,256.65		56.32		2,974.30	173.00	334.14	972.01	679.00		4,362.50		121.36	91.77	99.45					
Feb.	18,978.63	124.98	344.42	1,204.28	5.00	148.42	370.07	319.65	4,294.87	4,321.50		20.00	10.00	1,961.70	262.00	366.57	4,791.00	179.30		4,791.00		92.05	87.12	75.70					
Mar.	22,218.79	124.98	344.42	1,204.28	57.10	152.05	393.17	314.50	4,677.50	4,244.00		60.00		1,978.05	60.00	158.99	613.00	997.82		4,791.00	\$802.80	232.05	33.00	10.00		23.48			
April	21,745.15	124.98	344.42	1,505.35	4.75	213.47	223.56	276.82	4,785.00	5,113.00	\$419.20	36.90		3,184.75	75.00	260.08	565.29	33.00		4,364.00		143.20	36.38	31.00		23.48			
May	23,923.51	124.98	344.42	1,150.23	122.47	303.66	326.08	476.98	4,919.50	5,740.50	269.75	35.00	10.00	2,784.55	297.00	279.56	279.56	246.73		4,973.00	75.25	146.34	41.65	62.15		75.10	1,109.26		
June	25,441.12	124.98	344.42	1,129.23	63.25	401.48	338.08	267.10	4,870.00	5,966.50	227.50	31.08	54.00	2,262.14	48.00	579.28	1,027.42	1,765.85		4,788.00	97.50	148.20	31.83	75.05		50.00	639.28		
July	25,508.29	124.98	344.42	1,435.35	38.75	224.96	49.13	220.20	5,734.50	5,663.00	217.50	35.00		3,842.94	108.00	324.99	261.00	2,217.14		4,283.00	82.50	131.40	88.65	8.60		72.28			
Aug.	22,970.08	124.98	344.42	1,179.28	87.16	179.50	491.08	332.90	5,106.75	5,793.50	240.00	30.00		2,463.67	129.00	279.37		429.78		4,775.00	80.00	71.49	44.50	132.50		38.84	626.27		
Sept.	23,642.73	124.98	344.42	1,174.28	121.58	667.31	322.10	5,284.25	5,190.50	260.00	32.50			3,127.07	990.00	259.99	1,333.66	286.65	\$2.95	4,586.00	102.50	196.64	45.85	5.00		75.00			
Oct.	23,390.36	124.98	344.42	1,435.35	106.25	129.49	323.58	327.01	5,742.25	5,548.50	375.00	35.00	45.00	2,690.19	152.00	273.43	475.00	124.15		4,713.00	112.50	102.83	49.39	106.40		54.64			
Nov.	22,242.38	124.98	344.42	1,181.78	64.50	186.76	219.54	273.71	4,123.00	5,054.00	1,554.75	20.00	65.00	2,245.92	162.00	356.05				5,258.94	586.50	124.65	47.29	45.75		38.84	164.00		
	\$271,823.28	\$1,496.96	\$4,133.04	\$15,309.82	\$760.73	\$2361.38	\$4,399.57	\$3,798.99	\$58,773.02	\$61,022.75	\$3,554.70	\$436.80	\$196.00	\$30,943.23	\$1,640.00	\$4,177.77	\$8,051.35	\$7,402.00	\$2.95	\$50,475.69	\$1,939.55	\$1,597.07	\$664.91	\$993.05		\$462.63	\$2,728.72		

**DETAILED EXPENDITURES FOR THE ALMSHOUSE DURING FISCAL YEAR DECEMBER 1, 1923 TO NOVEMBER 30, 1924.**

Months	Total Amounts	Supt. and Matron	Physician	Pay Rolls	Stationery and Printing	Telephone and Other Expenses	Clothing and Dry Goods	Shoes and Findings	Medicine	Meats and Fish	Grocery Exp.	Ice	Tobacco	Miscellaneous Supplies	Transportation	Fuel and Light	Hardware and Tools	Paints, Oils and Glass	Lumber	Grain	Autos, Wagons, Blacksmithing Harness, etc.	Furniture and Furnishings	Repairs to Fixtures and Buildings	Miscellaneous
	ADMINISTRATION																							
1923	\$6,062.29	\$140.00	\$55.56	\$2,165.11	\$1.17	\$147.68	\$162.83	\$36.70	\$398.20	\$640.08	\$691.90	\$34.70		\$224.42		\$423.38	\$34.74	\$14.20	\$21.50	\$400.85	\$7.00	\$18.70	\$240.44	\$204.13
Jan.	6,290.15	175.00	55.56	2,739.17		152.73	332.91	38.50	167.21	352.86	691.97	40.82	\$154.80	79.90		822.80	16.14		307.25		6.00	6.68	55.99	193.86
Feb.	5,970.67	140.00	55.56	2,167.00	8.50	174.18	211.30	69.20	346.92	461.81	673.72	74.10	76.80	6.95		814.53	37.54	65.32	1.50	262.05	117.64	5.38	85.97	114.70
Mar.	6,194.20	140.00	55.56	2,089.00		160.86	324.56		53.50	409.47	786.59	39.80	79.30	10.20		649.96	40.65	63.81	12.18	331.15	582.00	3.55	184.72	177.34
April	6,336.08	175.00	55.56	2,710.00		156.15	55.86	42.33	34.50	489.66	896.62		78.00	196.27		421.95	37.35	66.60	59.51	243.65	5.00	1.19	587.88	23.00
May	6,689.89	140.00	55.56	2,217.71		237.30	278.40	56.50	370.75	475.14	746.29	36.60	112.92	228.50		520.03	56.52	13.14	18.98	91.95	132.42	69.74	710.50	70.94
June	6,691.69	140.00	55.56	2,187.71	13.97	169.89	434.45	77.50	11.19	510.05	771.29	48.00	90.09	478.60		393.39	92.50	20.63	51.19	50.05	63.95	112.85	569.97	298.86
July	6,151.92	175.00	55.56	2,726.66		174.15	212.08	55.35	24.65	534.57	818.70	50.00	143.04	239.71	\$13.50	300.29	51.68	14.50	34.96	173.45	129.72	10.00	179.35	35.00
Aug.	6,540.51	140.00	55.56	2,167.17		172.45	225.48	47.86	27.00	540.37	822.41	54.00	121.38	1.75		145.05	19.73	65.06	25.80	164.70		6.75	1,722.99	15.00
Sept.	6,132.37	140.00	55.56	2,188.00		163.12	66.85	138.23	533.15	519.51	804.98	49.90	80.64	46.40		370.35	104.31	30.44		222.25	101.00	18.64	278.28	220.76
Oct.	7,834.89	175.00	55.56	2,705.00		217.72	761.80	10.00	7.15	156.62	1,158.48	49.70	80.64	465.94		268.60	38.03	2.50	38.94	246.60			1,375.61	21.00
Nov.	5,332.31	140.00	55.56	2,113.66		178.49	186.38	95.00	152.75	635.18	747.79		30.10	278.70		391.75	31.96	83.88	9.57	185.05	39.60	27.33	149.56	
	\$76,527.97	\$1,820.00	\$666.72	\$28,176.19	\$23.64	\$2,104.72	\$3,302.90	\$667.17	\$2,126.97	\$5,725.32	\$9,610.74	\$527.62	\$1,047.71	\$2,257.34	\$13.50	\$5,522.08	\$561.15	\$440.08	\$274.13	\$2,679.00	\$1,191.08	\$274.06	\$6,141.26	\$1,374.59





CLASSIFIED REVENUES AND CREDITS, DEC. 1, 1923 TO NOV. 30, 1924

Almshouse			Individuals		Cities and Towns		Commonwealth of Massachusetts					Service Transfers		Totals
Produce	Stock	Miscellaneous	Board at Almshouse	Outside Relief Reimbursements	Temporary Aid	Mothers' Aid	Temporary Aid	Sick Paupers	Burials	Mothers' Aid	Miscellaneous	Board of Health	Highways	
\$1.75	\$261.00	\$8.40	\$229.62	\$81.50	\$78.15			\$1,627.50						\$2,287.92
26.80	299.00	22.93	180.14	44.00	1,739.55	\$159.00							\$280.08	2,821.50
		8.15	168.96	111.45		668.60								960.16
\$6.35	673.00	10.34	157.30	86.00	698.00		\$361.75	3.00	\$507.00					2,580.34
		8.28	151.16	76.03	3,481.34							\$399.98		4,116.89
141.19	391.50	9.00	141.64	110.83	503.89					\$13,473.37				14,731.42
6.16	222.00	9.91	133.98	97.50	81.00					61.53				612.02
		8.06	146.49	78.64	15.00		6,677.13			174.00				7,099.32
1.00	24.00	16.12	117.64	166.00		35.34							95.74	455.84
		3.23	141.64	116.12	339.44	70.14		20.00				36.00	56.53	783.10
76.93	67.50	55.70	116.16	215.33	726.99	89.34	235.00	1,404.18	210.00	8,689.88			119.35	12,006.36
2.00	202.50	3.00	68.97	158.78	410.27		4,081.34	2,965.80	30.00	5,275.89			56.00	13,254.55
\$372.72	\$2,140.50	\$163.22	\$1,753.70	\$1,342.18	\$8,073.63	\$1,022.42	\$11,355.22	\$6,020.48	\$747.00	\$27,674.67		\$435.98	\$607.70	\$61,709.42



## RECAPITULATION OF 1924 REVENUES AND CREDITS

---

Amount of appropriation,		\$289,000.00
Received from Almshouse (produce)	\$ 372.72	
Received from Almshouse (stock)	2,140.50	
Received from Almshouse (misc.)	163.22	2,676.44
Received from Individuals		
(Board at Almshouse)	1,753.70	
Received from Individuals		
(Outside Relief Reimbursement)	1,342.18	3,095.88
Received from Cities and Towns		
(Temporary Aid)	8,073.63	
Received from Cities and Towns		
(Mother's Aid)	1,022.42	9,096.05
Received from State (Temporary Aid)	11,355.22	
Received from State (Sick Paupers)	6,020.48	
Received from State (Burials)	747.00	
Received from State (Mother's Aid)	27,674.67	45,797.37
Received from Board of Health		
(Service Transfers)	435.98	
Received from Highways		
(Service Transfers)	607.70	1,043.68
		<hr/>
Appropriation and Revenues		\$350,709.42

## RECAPITULATION OF EXPENDITURES

Outside Relief,	\$206,461.66	
Mother's Aid,	64,861.62	
Almshouse,	76,527.97	
	<hr/>	347,851.25
		<hr/>
Unexpended Balance,		\$2,858.17

## EXPENDITURE CLASSIFIED UNDER FOLLOWING HEADS.

Months	Outside Relief	Mothers Aid	Almshouse	Totals
1923				
Dec.	\$14,251.95	\$5,238.60	\$6,063.29	\$25,553.84
1924				
Jan.	16,906.61	4,875.08	6,390.15	28,171.84
Feb.	13,932.76	5,045.87	5,970.67	24,949.30
Mar.	16,319.86	5,898.93	6,194.20	28,412.99
April	17,156.57	4,588.58	6,336.08	28,081.23
May	17,440.46	6,483.05	6,689.89	30,613.40
June	19,550.36	5,880.76	6,691.69	32,122.81
July	20,841.86	4,666.43	6,151.92	31,660.21
August	17,201.48	5,768.60	6,540.51	29,510.59
Sept.	18,631.74	5,010.99	6,132.37	29,775.10
Oct.	18,251.60	5,138.76	7,834.89	31,225.25
Nov.	15,976.41	6,265.97	5,532.31	27,774.69
	\$206,461.66	\$64,861.62	\$76,527.97	\$347,851.25

## BOARD OF PUBLIC WELFARE

R 7

## CASES AIDED 1924.

	Cases	Persons
New Bedford Cases,	1,566	4,019
State,	478	1,298
Cities and Towns,	69	161
<hr/>		
Including Almshouse and Hospital Cases, 2,113		5,478

## NUMBER OF HOSPITAL CASES

Adults,	351	
Children 16 years and under,	278	629
State Cases		
Adults,	146	
Children 16 years and under,	61	207
Cities and Towns		
Adults,	15	
Children 16 years and under,	13	28
<hr/>		
Total number of hospital cases,		864

## Number of Tonsil and Adenoid Operations

New Bedford Cases,	84	
State Cases,	29	113

## NUMBER OF CASES AIDED ELSEWHERE

Number of Cases aided by Cities and Towns, but settled in New Bedford,	67
---	----

## AMOUNT PAID OUT TO CITIES AND TOWNS DURING 1924.

Temporary Aid,	\$7,402.00
Mother's Aid,	2,728.72
<hr/>	
	\$10,130.72



## CHILDREN SETTLED IN NEW BEDFORD

Boarded by Childrens' Aid Society,	10
Boarded by State Division of Child Guardianship,	15
Boarded at Mass. Hospital School,	10
Boarded by Perkins Institution for the Blind,	1
Boarded by other Institutions,	30
Boarded at Bristol County Agricultural School,	1
Boarded at Hospital Cottages, Baldwinville, Mass.	2
Children aided directly in families of relatives,	39

---

CHILDREN HAVING NO SETTLEMENT

Aided in families of relatives and friends,	7
Children having settlement in other cities and towns, aided in families of relatives or friends,	5

## REPORT OF PHYSICIANS TO THE BOARD 1924

	House Visits	Office Calls	Births	Deaths	Almshouse Visits	Operations
Dr. J. B. Morris	648	322	7	3	...	...
Dr. R. E. Senecal,	977	348	22	6	...	...
Dr. L. J. Pobirs,	452	120	12	...	...	...
Dr. L. A. Perras,	275	243	1	21	255	...
Dr. C. A. B. Peterson,	7	383	...	...	...	34
Dr. Stan. Lamoureux,	15	35	...	...	...	22

The rate per doctor's call has been reputed to be \$1.08

## BOARD OF HEALTH

Number of histories procured and settlements determined  
by this department for Board of Health, 217

---

BURIALS

Number of persons buried by this department as follows:

State Paupers,	21
Settled in New Bedford,	49
Settled in Cities and Towns,	3
	<hr/>
	73
Cost of burials,	\$1,640.00

---

TRANSPORTATION OF PAUPERS

Number of persons sent to State Farm and Tewksbury, 38

## MOTHER'S AID

The expenditure in this department is about \$4,000.00 less this year due to the fact that there were less families aided during 1924.

This department is considerate of the welfare of the mothers and widows with dependent children who come under our care, and through the efforts of our Mother's Aid Visitor the work is carried on in a real constructive manner without bringing too great and unjust a strain on the taxpayers.

## Report shows—

- 110 cases were aided
- 13 state cases
- 490 persons aided

## 25 cases closed—

- 10 became self-supporting
- 5 were remarried
- 4 did not comply with Mother's Aid Law
- 2 were admitted as patients to Sassaquin
- 2 husbands returned from Sassaquin
- 1 moved out of state
- 1 died

## 12 new cases

## Cases aided—

- 94 widows
- 7 deserted mothers
- 5 husbands in sanatorium
- 3 husbands insane
- 1 legally separated

Expenses for 1923,	\$69,014.99
Expenses for 1924,	64,861.62

## ALMSHOUSE REPORT

For Year Ending November 30, 1924.

Month		Admitted	Discharged	Remaining
December	1923,	12	6	152
January,	1924,	8	6	154
February,	1924,	10	4	160
March,	1924,	15	12	163
April,	1924,	9	10	162
May,	1924,	17	8	171
June,	1924,	11	12	170
July,	1924,	12	12	170
August,	1924,	13	10	173
September,	1924,	13	12	174
October,	1924,	8	10	172
November,	1924,	7	9	170
		135	111	

Number of inmates remaining December 1, 1923,	146
Number of inmates admitted in 1924,	135
Number of inmates discharged in 1924,	111
Number of inmates remaining November 30, 1924,	170
Average number of inmates monthly,	166
Number of inmates having no settlement,	14
Number of inmates having settlements in cities and towns,	1
Number of inmates having New Bedford settlements,	266
Total number of cases in 1924,	281
Weekly per capita cost of each inmate,	\$8.17

## LIST AND VALUE OF THE FARM PRODUCE

50 Tons Hay .....	\$1,700.00
40 Tons Green Rye .....	200.00
80 Tons Ensilage .....	1,320.00
325 Bus. Corn (Grain) .....	310.00
Corn Stalks .....	110.00
1456 Bus. Potatoes .....	1,456.00
50 Bus. Onons .....	63.70
260 Bus. Turnips .....	195.00
8000 Lbs. Squash .....	63.70
6 Tons Cow Beets .....	48.00
86 Bus. Y. E. Beans .....	721.00
12000 Heads of Cabbage .....	480.00
1500 Celery Plants .....	60.00
28 Bus. Musk Melons .....	70.00
45 Bus. Spinach .....	56.25
6 Bus. Peas .....	18.00
10 Bus. String Beans .....	12.50
500 Doz. Sweet Corn .....	100.00
31 Bus. Carrots .....	36.00
6500 Doz. Bunches Rareripes .....	227.50
100 Bus. Table Beets .....	35.00
2000 Heads Lettuce .....	80.00
200 Bunches Radishes .....	10.00
18 Bus. Cucumbers .....	22.50
125 Bus. Tomatoes .....	187.50
8878 Eggs, at \$.40 per doz. ....	296.00
94030 Lbs. Milk .....	4,701.50

---

\$12,590.15



CITY OF NEW BEDFORD.

---

IN BOARD OF ALDERMEN,

May 14, 1925.

Received, ordered printed in the city documents,  
and sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

---

IN COMMON COUNCIL,

May 14, 1925.

Concurred.

RUTH G. HILTON,

Clerk.





ANNUAL REPORT

OF THE

SEALER OF WEIGHTS AND MEASURES

CITY OF NEW BEDFORD, MASS.

For the Year ending November 30, 1924



New Bedford, Mass.  
REYNOLDS THE PRINTER  
1925

CITY OF NEW BEDFORD

---

IN BOARD OF ALDERMEN,

February 12, 1925.

Received, ordered printed in the city documents, and sent  
down for concurrence.

RODOLPHUS A. SWAN.

City Clerk.

---

IN COMMON COUNCIL,

February 12, 1925.

Concurred.

RUTH G. HILTON,

Clerk.

## REPORT OF SEALER OF WEIGHTS AND MEASURES

---

February 6, 1925.

*To His Honor the Mayor and Members of the*

*City Government:*

Gentlemen:

I desire to submit to you a report of the work performed by this department for the year ending November 30, 1924.

As you will notice by the report the amount of work performed has increased, and the wish of the mills to have their cotton scales sealed every two months instead of every three months has entailed a lot of extra work. However, we are taking care of them as best we can as I realize this feature of the work is very important, but believe the time is now at hand where an increase in the force is necessary.

Respectfully yours,

JOHN HOBIN,

Sealer of Weights and Measures.



New Bedford, Mass. John Hobin, Sealer.

Department of Weights and Measures.

Work Performed from Dec. 1, 1923 to Nov. 30, 1924,  
Inclusive.

TRIAL WEIGHINGS AND MEASUREMENTS OF  
COMMODITIES SOLD OR PUT UP FOR SALE.

COMMODITY	Total No. Number INCORRECT			
	Tested	Correct	Under	Over
Bread .....	1824	427	529	849
Butter .....	817	657	71	76
Charcoal (in paper bags) .....	226	226	....	....
Coal (in paper bags) .....	663	264	107	286
Coal (in transit) .....	36	1	11	23
Confectionery .....	500	209	56	231
Dry Commodities .....	1840	1159	179	478
Dry Goods .....	1	1	....	....
Flour .....	432	151	136	145
Fruits and Vegetables .....	127	57	28	42
Grain and Feed .....	54	27	6	21
Hay .....	31	3	26	2
Ice.....	25	19	2	....
Kindling wood (in paper bags) ...	2532	2433	99	....
Liquid Commodities .....	465	180	144	141
Meats and Provisions .....	896	519	97	255
Wood (cord) .....	2	1	1	....
Wood (kindling) .....	144	138	6	....
TOTAL	10615	6472	1498	2549

## INSPECTIONS MADE

1. Clinical Thermometers	377	8. Milk jars	.....2212
2. Coal certificates	..... 129	9. Paper or fibre cartons	305
3. Ice scales	..... 6	10 Peddlers' licenses	.... 140
4. Junk scales	..... 8	11. Peddlers' scales	..... 16
5. Marking of bread	.... 1022	12. Wholesale milk cans	.. 33
6. Marking of food packages	.....10803	13. Other inspections	.... 495 (134 scales inspected)
7. Metal ice cream con- tainers	.....17800		

## TESTS MADE

1. Berry baskets .....	1975
2. Cartons (approved as measures) .....	1309
3. Gasoline devices, retests after sealing .....	71
4. Mfrs'. sealed milk jars .....	446
5. Mass. Standard Boxes .....	79
Miscellaneous .....	133
Sealing fees collected .....	\$2093.66
Total cost of Dep't. including salary, equipment, etc. ..	\$10,989.46
Amount of money received for county, city, and state licenses, .....	\$3298.00
Complaints investigated .....	48
Hearings in office .....	22
Court cases, 1. Fined .....	\$25.00

WORK PERFORMED FROM DEC. 1, 1923 TO NOV.  
30, 1924, INCLUSIVE.

## 1. SCALES

	Adjusted	Sealed	Non-Sealed	Con-demned
Platform over 5,000 lbs. ....	2	82	11	12
Platform, 100 to 5,000 lbs. ....	165	1398	79	63
Counter over 100 lbs. ....	4	17	3	1
Counter under 100 lbs. ....	106	699	50	19
Beam over 100 lbs. ....	8	291	9	17
Beam under 100 lbs. ....	....	4	...	...
Spring over 100 lbs. ....	26	191	5	18
Spring under 100 lbs. ....	235	1664	33	112
Computing over 100 lbs. ....	1	5	1	2
Computing under 100 lbs. ....	53	1068	16	41
Personal weighing (slot) ....	64	195	1	18
Prescription ....	8	106	1	1
Jewellers' ....	....	20	1	2

## 2. WEIGHTS

Avoirdupois ....	241	9150	15	34
Apothecary ....	109	989	...	50
Metric ....	34	929	8	17
Troy ....	19	324	9	2

3. VOLUMETRIC  
MEASURES

Liquid Measures ....	89	1983	...	53
Ice Cream Cans ....	....	4	...	...
Glass Graduates ....	....	163	...	59
Dry Measures ....	1	185	5	4
Fuel Baskets ....	....	13	...	...

4. AUTOMATIC  
LIQUID MEASURING  
DEVICES

Gasoline Pumps ....	55	263	10	27
Gasoline Meters ....	10	....	...	2
Kerosene Pumps ....	2	62	23	18
Lubricating Oil Pumps ....	10	133	186	6
Molasses Pumps ....	....	14	60	14
Measures, (stops, etc.) on Pumps ....	408	1753	13	1

5. LINEAR MEASURES				
Yard sticks .. .. .	....	820	...	21
Tapes .. .. .	....	23	..	...
Cloth-Measuring Devices .. .. .	....	27	...	3
6. TAXIMETERS				
	....	4	...	...
	<hr/>	<hr/>	<hr/>	<hr/>
TOTALS	1650	22579	539	617

ANNUAL REPORT  
OF THE  
**SEALER OF WEIGHTS AND MEASURES**

CITY OF NEW BEDFORD, MASS.

For the Year ending November 30, 1924



New Bedford, Mass.  
REYNOLDS THE PRINTER  
1925



CITY OF NEW BEDFORD

---

IN BOARD OF ALDERMEN,

February 12, 1925.

Received, ordered printed in the city documents, and sent  
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RODOLPHUS A. SWAN.

City Clerk.

---

IN COMMON COUNCIL,

February 12, 1925.

Concurred.

RUTH G. HILTON,

Clerk.

## REPORT OF SEALER OF WEIGHTS AND MEASURES

---

February 6, 1925.

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Gentlemen:

I desire to submit to you a report of the work performed by this department for the year ending November 30, 1924.

As you will notice by the report the amount of work performed has increased, and the wish of the mills to have their cotton scales sealed every two months instead of every three months has entailed a lot of extra work. However, we are taking care of them as best we can as I realize this feature of the work is very important, but believe the time is now at hand where an increase in the force is necessary.

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New Bedford, Mass. John Hobin, Sealer.

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Dry Goods .....	1	1	....	....
Flour .....	432	151	136	145
Fruits and Vegetables .....	127	57	28	42
Grain and Feed .....	54	27	6	21
Hay .....	31	3	26	2
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Apothecary ....	109	989	...	50
Metric ....	34	929	8	17
Troy ....	19	324	9	2
3. VOLUMETRIC MEASURES				
Liquid Measures ....	89	1983	...	53
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Glass Graduates ....	....	163	...	59
Dry Measures ....	1	185	5	4
Fuel Baskets ....	....	13	...	...
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5. LINEAR MEASURES				
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Tapes .....	....	23	..	...
Cloth-Measuring Devices .....	....	27	...	3
6. TAXIMETERS				
	....	4	...	...
		<hr/>	<hr/>	<hr/>
TOTALS		1650	22579	539 617

ANNUAL REPORT  
OF THE  
SCHOOL COMMITTEE  
AND  
SUPERINTENDENT OF SCHOOLS  
OF THE  
CITY OF NEW BEDFORD

For the Year 1924

---

New Bedford, Mass.  
REYNOLDS THE PRINTER  
1925

## SCHOOL COMMITTEE, 1923-1924.

WALTER H. B. REMINGTON, Mayor, Chairman, ex-officio.  
JOSEPH ECCLESTON, Vice-Chairman.

### TERM EXPIRES 1925.

Name.	Residence.	Place of Business.
Charles S. Ashley,	93 State St.,	Chas. S. Ashley & Sons
Hazel C. Burton,	113 Hillman St.,	
Joseph Eccleston,	9 Jenny Lind St.,	Union St. Railway Co.

### TERM EXPIRES 1927.

Name.	Residence.	Place of Business.
Dr. James J. McKenna	398 Union St.	398 Union St.
Claude C. Smith,	2421 Acushnet Ave.	Acushnet Saw Mill Co.
Fred W. Steele,	3 Stetson St.	Booth Mfg. Co.

## SCHOOL COMMITTEE, 1925-1926.

EDWARD R. HATHAWAY, Mayor, Chairman, ex-officio.  
FRED W. STEELE, Vice-Chairman.

### TERM EXPIRES 1927.

Name.	Residence.	Place of Business.
Dr. James J. McKenna,	398 Union St.	398 Union St.
Claude C. Smith,	2421 Acushnet Ave.	Acushnet Saw Mill Co.
Fred W. Steele,	3 Stetson St.	Booth Mfg. Co.

### TERM EXPIRES 1929.

Name.	Residence.	Place of Business.
Charles F. Archambault	112 North St.,	206 Cummings Bldg.
Hazel C. Burton,	113 Hillman St.,	
Rufus A. Soule, Jr.,	21 James St.,	Soule Mill.

## IN SCHOOL COMMITTEE.

DECEMBER 26, 1924.

Voted, That the Secretary be directed to prepare and edit the Annual Report of the School Committee for the year 1924.

The following report for the year 1924 is respectfully

submitted:

# Report of the School Committee

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## STATISTICS.

### I. POPULATION AND VALUATION.

The population of the city (census of 1890) was	40,705
The population of the city (census of 1895) was	55,251
The population of the city (census of 1900) was	62,442
The population of the city (census of 1905) was	74,321
The population of the city (census of 1910) was	96,652
The population of the city (census of 1915) was	109,462
The population of the city (census of 1920) was	121,217
Valuation of the taxable property (1924) was	\$217,646,125.00
School houses and lots,	6,014,763.95
Hathaway Playground	11,575.00
Other school property,	342,676.23

### II. APPROPRIATION.

Rate of taxation,	\$26.40
Amount for general school purposes not including new buildings,	\$1,664,700.00

### III. SCHOOL CENSUS.

Number of children between five and sixteen years of age, and illiterates between sixteen and twenty-one years of age, reported by the census enumerators, in accordance with the census record taken April 1, 1924:

Between 5 and 7 yrs.	3,531
Between 7 and 14 yrs.	15,949
Between 14 and 16 yrs.	4,229
Between 16 and 21 yrs. (in compulsory evening classes)	1,307

## IV. SCHOOL ORGANIZATION, July 1, 1924.

High school,	1
Grammar schools,	6
Mixed schools—Grammar, Primary and Ungraded,	9
Primary schools,	17
Suburban schools,	2
Continuation schools,	3
Fresh Air classes,	2
Hospital classes,	2
Conservation of Eyesight classes,	2
Cooking rooms,	3
Manual Training rooms,	6
Special Classes for Mentally Retarded,	8
Kindergartens,	15

## V. SCHOOL BUILDINGS, JULY 1, 1924.

Administration Building,	1
Permanent schoolhouses,	37
Portable schoolhouses,	25
Frame buildings,	2
Unoccupied	2

## VI. TEACHERS AND PRINCIPALS.

## Whole Number in Service, Jan., 1925.

High school, (2 part time),	67
Elementary schools,	512
Supervisors and assistants, (5 part time),	43
School nurses,	7
Evening High school,	18
Evening Elementary schools,	102
Americanization classes,	132
Continuation schools, (1 part time),	28

## PUBLIC SCHOOLS.

	1924	1923		
Enrollment of pupils,	18,728	18,590	increase	138
Average membership,	17,488	16,899	increase	589
Average daily attendance,	16,551	15,772	increase	779
Aggregate attendance,	3,138,593	2,920,500	increase	218,093

## PRIVATE AND PAROCHIAL SCHOOLS.

	1924	1923		
Enrollment of pupils,	4,765	4,505	increase	260
Average membership,	4,363	4,154	increase	209
Average daily attendance,	4,166	3,929	increase	237
Aggregate attendance,	734,606	701,523	increase	33,083

## PUBLIC, PRIVATE AND PAROCHIAL SCHOOLS.

	1924	1923		
Enrollment of pupils,	23,493	23,095	increase	398
Average membership,	21,851	21,053	increase	798
Average daily attendance,	20,717	19,701	increase	1,016
Aggregate attendance,	3,873,199	3,622,023	increase	251,176

TABLE 1.

The cost of instruction per scholar is based on the average number belonging and the total amount expended for the maintenance of each department, not including the expenditures from the Sylvia Ann Howland Educational Fund or Dog Fund, during the year.

High school,	\$128.10
Elementary schools,	73.09
Evening Elementary schools,	12.23
Evening High school,	13.00
Day school,	77.34
Summer school,	5.86
Americanization classes,	6.69
Continuation school,	22.38



RECEIPTS AND EXPENDITURES  
1923-1924

**Summary.**

Total appropriations, general and subsequent,	\$1,664,700.00
Total expenditures,	1,625,478.09
	<hr/>
Balances,	\$39,221.91

RECEIPTS—APPROPRIATIONS FROM CITY COUNCIL.

Teachers' Salaries—	
General,	\$1,200,000.00
Incidentals—	
General,	\$317,000.00
Repairs—	
General,	\$58,000.00
Continuation Schools—	
General,	\$77,500.00
Community Centers—	
General,	\$12,200.00
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	\$1,664,700.00

NET EXPENDITURES—1924.

Total Expenditures,	\$1,625,478.09
Turned into Unappropriated Funds,	177,903.08
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Net cost to City,	\$1,447,575.01

## EXPENDITURES—MONEY RAISED BY TAXATION.

For teachers' salaries:		
Day schools,	\$1,143,716.51	
Evening schools and Americanization,	39,740.75	
Summer schools,	2,821.50	
	<hr/>	\$1,186,278.76
For incidentals:		
Salaries: Superintendent and Secretary, Assistant Superintendents, Inspector School Property, Department Mechanics, Clerks, Attendance Officers, Nurses, Custodians, and Miscellaneous Service,		
	\$164,433.41	
Books and supplies,	49,537.05	
Custodians' supplies,	6,500.94	
High School engine room supplies,	170.77	
High School science supplies,	1,209.67	
Sewing,	444.04	
Health and Hygiene, Physical Education	2,366.24	
Fuel,	35,507.30	
Lighting,	5,887.08	
Water rates,	6,120.93	
Printing and advertising,	3,752.81	
Freight and carting,	696.98	
Transportation,	2,000.00	
Cooking,	1,115.80	
Manual Training,	1,242.86	
Bristol County Training school,	450.32	
Office expenses,	1,118.26	
Furniture,	5,777.97	
Telephones,	1,692.11	
Miscellaneous expenses,	8,811.59	
	<hr/>	\$298,836.13
For continuation schools:		
Salaries: Directors, Teachers, Clerks and Custodians,		
	\$64,337.91	
Equipment and maintenance,	10,869.71	
	<hr/>	\$75,207.62
Community Centers:		
Salaries,	\$9,721.90	
Equipment and maintenance,	934.33	
	<hr/>	\$10,656.28
For repairs of buildings:		\$54,499.30
	<hr/>	
Total,		\$1,625,478.09

## Special Appropriations:

## School Furnishings:

Bal. brought forward from 1923	\$887.05
Expended,	871.00

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Bal. carried forward to 1925,	\$16.05
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## Fire Prevention:

Bal. brought forward from 1923,	\$1,879.35
Expended,	937.59

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Bal. carried forward to 1925,	\$941.76
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## Fire Sprinklers:

Appropriated, 1924,	\$26,000.00
Expended,	25,909.32

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Bal. carried forward to 1925,	\$90.68
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## Sassaquin Furnishings:

Appropriated, 1924,	\$1,500.00
Expended,	1,160.54

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Bal. carried forward to 1925,	\$339.46
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**Receipts from Other Sources, Paid to City Treasurer.**

For tuition non-resident pupils,	\$7,483.50	
For tuition State Charity pupils,	221.33	
For sale of books and supplies,	223.91	
For discarded books, junk, etc.,	430.03	
Reimbursement from Mass. Commission for the Blind,	1,000.00	
Reimbursement for Americanization classes,	12,335.32	
Reimbursement for Continuation Schools:		
State,	30,077.13	
Smith-Hughes Fund,	2,945.61	
Sale of products,	573.50	
Tuition,	5,286.60	
Reimbursement for Teachers' Salaries,	117,326.15	
		<hr/>
		\$177,903.08

## INCOME FROM TRUST FUNDS, ETC.

S. A. Howland Educational Fund,	\$1,870.95	
Jonathan Bourne Prize Fund,	37.50	
Dog Fund,	3,998.71	
C. S. Paisler Fund,	803.16	
	<hr/>	\$6,710.32

1924

## SYLVIA ANN HOWLAND EDUCATIONAL FUND.

Balance of income on hand, Dec. 1, 1923,	\$1,508.12	
Income during year,	1,870.95	
	<hr/>	\$3,379.07
Expenditures for the year,		1,117.70
		<hr/>
Balance, Dec. 1, 1924.		\$2,261.37

1924

## JONATHAN BOURNE PRIZE FUND.

Interest for the year,	\$37.50	
	<hr/>	\$37.50
Expenditures for prizes,		60.00
		<hr/>
Deficit, Dec. 1, 1924,		\$22.50

1924

## DOG FUND.

Balance, Dec. 1, 1923,	\$417.22	
Income, 1924,	3,998.71	
	<hr/>	\$4,415.93
Expenditures for the year,		3,654.40
		<hr/>
Balance, Dec. 1, 1924.		\$761.53

1924

## C. S. PAISLER FUND.

Balance, Dec. 1, 1923,	\$211.20	
Income, 1924,	803.16	
	<hr/>	\$1,014.36
Expenditures for the year,		829.97
		<hr/>
Balance, Dec. 1, 1924.		\$184.39

## RECEIPTS AND EXPENDITURES.

## CONTINUATION SCHOOL.

Appropriation, 1924,	\$77,500.00	
Smith-Hughes Fund,	2,945.61	
Sale of Products,	573.50	
		<hr/>
Total receipts,		\$81,019.11
Total expenditures,		78,726.73
		<hr/>
Returned to Unappropriated Funds:		\$2,296.38

## DETAIL OF EXPENDITURES.

Salaries,	\$67,283.52	
Books and Supplies,	4,740.71	
Equipment, Replacement and Repair of Equipment,	2,818.98	
Fuel,	1,481.57	
Light and Water,	968.63	
Furniture,	2.50	
Printing,	66.44	
Transportation,	490.62	
Telephones,	145.35	
Building repairs,	700.00	
Miscellaneous,	28.41	
		<hr/>
		\$78,726.73
Reimbursement:		
State,	\$30,077.13	
Smith-Hughes Fund,	2,945.61	
Tuition,	5,286.60	
Sale of Products,	573.50	
		<hr/>
	\$38,882.84	
Total Expenditures,		\$78,726.73
Receipts,		38,882.84
		<hr/>
Net cost to City,		\$39,843.89

# DETAIL OF EXPENDITURES

	INSTRUCTION			OPERATING EXPENSES				REPAIRS	Print. & Adv. Furniture Telephones Incidentals	HOWLAND AND PAISLER FUNDS
	Teachers' Salaries	Text Books	Regular Supplies	Adminis- tr'n & Cus- tod'n's Sal.	Custod'n's Supplies	Fuel	Light & Water			
Ab School	\$172,989.25	\$6,037.48	\$4,722.68	\$17,458.12	\$742.07	\$3,838.63	\$1,601.23	\$2,350.69	\$2,905.32	\$1,272.72
Ab St.	31,437.00	987.83	263.81	2,415.81	179.75	1,516.47	341.13	3,106.98	422.72	31.80
A. K. Newton	37,584.22	925.59	671.06	2,348.35	189.20	843.10	341.24	3,444.83	361.32	38.05
Ag. A. Cook	36,354.63	888.28	505.08	2,632.54	183.19	1,582.79	658.08	432.90	637.86	44.20
Al. St.								189.87		
F. Wood	23,319.90	835.91	299.53	1,927.17	82.14	999.46	283.04	2,535.78	375.46	28.20
Al. Graham	29,945.70	798.64	506.68	1,932.65	147.75	711.69	391.96	1,001.43	388.22	30.75
Al. Congdon	34,373.61	1,139.67	485.59	2,448.35	189.20	843.10	341.24	1,330.51	409.40	26.25
Al. Mas Donaghy	24,627.85	847.20	477.85	2,111.64	220.27	836.70	320.75	2,878.13	144.58	11.35
H. Taylor	26,906.76	913.96	376.56	1,799.75	185.17	463.56	104.22	1,870.95	3.75	13.75
Al. S. Ashley	33,657.38	706.49	964.83	2,686.81	182.09	1,893.03	477.68	500.62	86.36	25.85
Al. R. Rodman	33,331.38	541.90	518.72	2,131.99	105.36	956.05	91.16	363.53	361.54	36.55
Al. Swift	24,769.39	1,352.12	1,344.45	1,381.56	176.21	1,146.82	415.06	1,463.94	2,392.44	23.35
Al. Ham Lincoln	46,225.43	1,382.31	810.48	3,011.80	214.04	1,318.04	962.48	2,389.49	401.15	42.80
Al. B. Winslow	25,742.60	1,310.45	566.79	2,763.63	197.25	1,104.57	636.93	3,087.70	1,027.69	29.30
Al. Pleasant	36,510.93	948.80	829.92	2,785.21	217.88	1,683.99	616.82	562.54	68.50	35.25
Al. B. Devalles	43,750.12	1,143.10	449.24	2,876.10	237.71	1,088.27	833.69	666.24		20.70
Al. Clifford	22,338.46	612.15	579.19	2,192.30	150.96	738.65	553.31	2,444.85	4.00	21.30
Al. Ave.	26,455.33	708.97	447.54	1,894.69	119.02	806.35	197.22	1,280.28	82.38	18.10
Al. Grove St.	28,483.43	293.50	235.21	2,302.20	165.67	1,499.79	256.74	2,508.69	37.11	14.05
Al. St.	20,013.50	160.89	155.76	1,669.33	79.71	436.73	46.98	464.87	19.86	9.45
Al. Mac St.	13,338.00	208.08	307.90	1,617.16	79.70	621.30	114.14	2,690.43	2.65	
Al. H. White	8,290.33	170.86	209.36	1,630.00	59.24	444.84	45.96	2,900.53	2.35	
Al. Rempton	16,956.62	143.63	137.61	1,669.33	76.96	749.48	117.75	307.02		8.45
Al. St.	12,164.75	455.20	175.18	1,617.16	52.44	251.63	45.70	2,299.67	81.00	5.45
Al. St. Memorial	20,207.05	288.58	232.69	1,953.26	117.98	619.31	119.09	1,747.36	7.38	9.55
Al. Greene	20,125.00	208.34	215.98	1,744.45	98.22	608.70	806.11	799.51	.35	8.70
Al. Ave.	25,489.36	668.37	434.54	1,849.54	141.38	670.51	194.64	1,715.54	167.22	8.90
Al. Simpson St.	21,263.46	173.98	131.70	2,015.83	131.05	613.70	523.41	88.00	28.18	3.55
Al. Benjamin	31,804.43	360.23	439.84	2,024.56	175.25	853.57	180.01	2,388.39	11.36	12.20
Al. St. St.	11,325.75	153.43	145.77	1,651.34	62.75	980.18	102.65	1,161.20	122.86	5.90
Al. H. Dunbar	22,572.58	548.99	285.79	1,788.84	120.95	830.11	153.94	601.81	808.80	8.00
Al. D. Ottwell	33,660.30	433.06	433.33	2,320.20	245.17	1,042.45	443.37	1,651.45	81.41	19.35
Al. Hannigan	30,883.40	328.80	408.96	2,377.45	133.27	1,406.79	363.95	404.83	12.57	15.65
Al. Inville	1,907.50	24.50	20.93	401.16	14.79	146.32	5.00	11.83		1.55
Al. Rockdale	1,100.00	2.06	17.90	401.16	9.20	184.59	5.00	465.91	1.80	
Al. Hospital Classes	4,121.13	23.81	66.29	360.00	64.29	409.25	11.39	35.28	305.16	4.65
Al. Classes Mentally Retarded	17,382.84	27.61	867.55							
Al. Air Classes	4,015.00	22.12								
Al. Reservation of Eye Sight	4,115.00	204.26	236.49	1,004.16	87.45			\$17.02	5.20	3.90
Al. Impulsory Eve. Schools	15,878.00	382.57	138.89	415.70						
Al. Americanization Classes	23,862.75	325.13	132.42	509.80					30.55	
Al. Summer Schools	2,821.35		36.81							
Al. Vocational Training	11,550.63		1,317.59		27.65					
Al. Sewing	5,269.80		1,205.58		40.73					
Al. Music, Vocal & Instrumental	11,840.75		490.99							
Al. Supervisors and Substitutes	11,667.55		2.33							
Al. Physical Education	6,808.31		.37							
Al. Health and Hygiene	7,494.50									
Al. Community Centers	13,552.50		1,338.78						1,896.57	
Al. Continuation Schools	8,057.74		1,027.46	15,162.58	11.92			30.99	898.82	
Al. Miscellaneous	60,449.31	230.51	4,282.88	1,664.66	227.32	1,481.57	968.63	700.00	3,552.30	41.95
Al. Lectures			59,999.40	6,334.21					9,440.29	
Al. Office		53.49	775.77		167.41	630.31	227.57	1,639.20	1,118.28	5.50
Al. Stock		133.15	58.67		32.09					
Al. Total		3,449.61	2,465.44		1,242.58					
Total	\$1,254,785.81	\$31,748.54	\$32,597.68	\$172,932.28	\$7,479.88	\$36,988.87	\$12,976.64	\$55,230.29	\$28,750.96	\$1,947.67
Grand Total		\$1,635,428.62								





## COST BY DEPARTMENTS.

Based on Average Membership.

	Expended.
I. Administration:	
Superintendent .....	\$6,520.83
Assistants .....	9,529.80
Per pupil .....	.91 +
Office .....	24,691.06
Per pupil .....	1.41 +
II. Instruction:	
Salaries:	
High School .....	172,989.25
Per pupil .....	111.39 +
Elementary Schools .....	934,966.16
Per pupil .....	58.67 +
High School Supervisors .....	2,340.15
Per pupil .....	1.50 +
Elementary School Supervisors .....	19,868.45
Per pupil .....	1.24 +
Evening High School .....	4,003.00
Per pupil .....	10.18 +
Evening Elementary Schools .....	11,875.00
Per pupil .....	10.80 +
Americanization Classes .....	23,862.75
Per pupil .....	11.93 +
Summer Schools .....	2,821.50
Per pupil .....	5.79 +
Text Books:	
High School .....	6,037.48
Per pupil .....	3.88 +
Elementary Schools .....	21,236.60
Per pupil .....	1.33 +
Office .....	53.49
Per pupil .....	.003 +
Evening High .....	225.75
Per pupil .....	.57 +
Evening Elementary Schools .....	156.82
Per pupil .....	.14 +
Americanization Classes .....	325.13
Per pupil .....	.16 +

## Regular Supplies:

High School .....	4,722.68
Per pupil .....	3.04 +
Elementary Schools .....	21,830.35
Per pupil .....	1.37 +
Office .....	1,221.77
Per pupil .....	.06 +
Evening High School .....	30.28
Per pupil .....	.07 +
Evening Elementary School .....	108.61
Per pupil .....	.09 +
Americanization Classes .....	132.42
Per pupil .....	.06 +
Summer Schools .....	36.81
Per pupil .....	.07 +

## III. Operating Expenses:

## Salaries:

## Janitors:

High School .....	17,458.12
Per pupil .....	11.24 +
Elementary Schools .....	86,501.98
Per pupil .....	5.42 +
Summer Schools .....	75.00
Per pupil .....	.15 +
Evening Elementary Schools .....	415.70
Per pupil .....	.37 +
Americanization Classes .....	509.80
Per pupil .....	.25 +

## Miscellaneous:

High School .....	7,730.31
Per pupil .....	4.97 +
Elementary Schools .....	43,621.63
Per pupil .....	2.73 +
Office .....	3,308.45
Per pupil .....	.18 +

## Supplies:

High School .....	742.07
Per pupil .....	.47 +
Elementary Schools .....	5,056.49
Per pupil .....	.31 +
Office .....	167.41
Per pupil .....	.009 +

## SCHOOL REPORT

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## IV. Maintenance:

## Repairs:

High School .....	2,350.69
Per pupil .....	1.51+
Elementary Schools .....	52,596.11
Per pupil .....	3.30+
Office .....	1,640.10
Per pupil .....	.09+

## V. Auxilary Agencies:

Health .....	17,628.92
Per pupil .....	1.00+
Physical Education .....	16,787.85
Per pupil .....	.95+
Transportation .....	7,070.62
Per pupil .....	.40+

## VI. Survey:

Elementary Schools .....	574.22
Per pupil .....	.03+

## VII. Miscellaneous:

Incidentals .....	6,383.77
Per pupil .....	.36+

## VIII. Howland Fund:

Elementary Schools .....	1,117.70
Per pupil .....	.06+

## IX Paisler Fund:

High School .....	829.97
Per pupil .....	.53+

X. Sales ..... 223.91

XI. Stock on hand Dec. 1, 1924 ..... 7,055.63

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Grand Total ..... \$1,549,432.59

# TEXT BOOKS, STATIONERY AND CUSTODIANS' SUPPLIES

STATEMENT FOR 1924.

Dr.

	Purchased in 1924	Stock Dec. 1, 1923	TOTALS	
Books,	\$30,178.90	\$1,339.13	\$31,518.03	
Stationery Supplies,	19,358.15	2,573.27	21,931.42	
Custodians' Supplies,	6,500.94	580.85	7,081.79	
	\$56,037.99	\$4,493.25	\$60,531.24	

Cr.

	Charged to Schools	Stock Dec. 1, 1924	Cash Re- ceipts, 1924	TOTALS
Books,	\$28,035.27	\$3,349.61	\$133.15	\$31,518.03
Stationery Supplies,	19,409.31	2,463.44	58.67	21,931.42
Custodians' Supplies,	5,807.12	1,242.58	32.09	7,081.79
	\$53,251.70	\$7,055.63	\$233.91	\$60,531.24

The average cost per pupil in the different departments of the schools, for text books and supplies, has been as follows:

High school,	\$7.46
Elementary schools,	2.56
Average for day schools,	2.99
Average for Evening Elementary schools,	.24
Average for Evening High school,	.65
Average for Americanization,	.22
Summer school,	.07

## DEPARTMENT OF PUBLIC SCHOOLS.

For the year beginning Sept. 5, 1923, ending June 27,  
1924.

	Total Member- ship	Average Member- ship	Average Daily Attend- ance	Aggregate Attendance
High,	1,910	1,553	1,492	284,161
Elementary,	20,389	15,935	15,059	2,854,432
Evening Schools:				
High,	865	393	318	19,068
Elementary,	1,654	1,099	939	46,884
Americanization				
Dept:				
Evening Schools	901	499	386	18,573
Mill, Club and other classes,	1,717	1,500	1,287	45,840

## CONTINUATION SCHOOLS.

Total Membership	Average Membership	Average Attendance	Aggregate Attendance (4 hr. days)	Total make-up (4 hr. days)
2,713	1,780	1,652	63,093	1,347

## AVERAGE AGE OF PUPILS IN VARIOUS GRADES

JULY 1, 1924.

## HIGH SCHOOL.

		Yrs.	Mos.
Senior,	II.....	17	4
Senior,	I.....	17	2
Junior,	II.....	16	5
Junior,	I.....	16	2
Sophomore,	II.....	15	5
Sophomore,	I.....	15	
Freshmen,	II.....	14	5
Freshmen,	I.....	14	1
Average for school.....		15	9



## ELEMENTARY SCHOOLS.

		Yrs.	Mos.
Grade VIII	A.....	14	4
Grade VIII	B.....	14	2
Grade VII	A.....	13	8
Grade VII	B.....	13	5
Grade VI	A.....	13	2
Grade VI	B.....	12	9
Grade V	A.....	12	3
Grade V	B.....	11	9
Grade IV	A.....	11	1
Grade IV	B.....	10	7
Grade III	A.....	9	10
Grade III	B.....	9	3
Grade II	A.....	8	7
Grade II	B.....	8	1
Grade I	A.....	7	5
Grade I	B.....	6	10
Advanced Kindergarten	.....	5	10
Kindergarten	.....	5	4
Ungraded	.....	13	6
Special Classes	.....	12	7
Average for Elementary schools .....		10	9

## REPORT OF PROMOTIONS.

For Term Ending June 27, 1924.

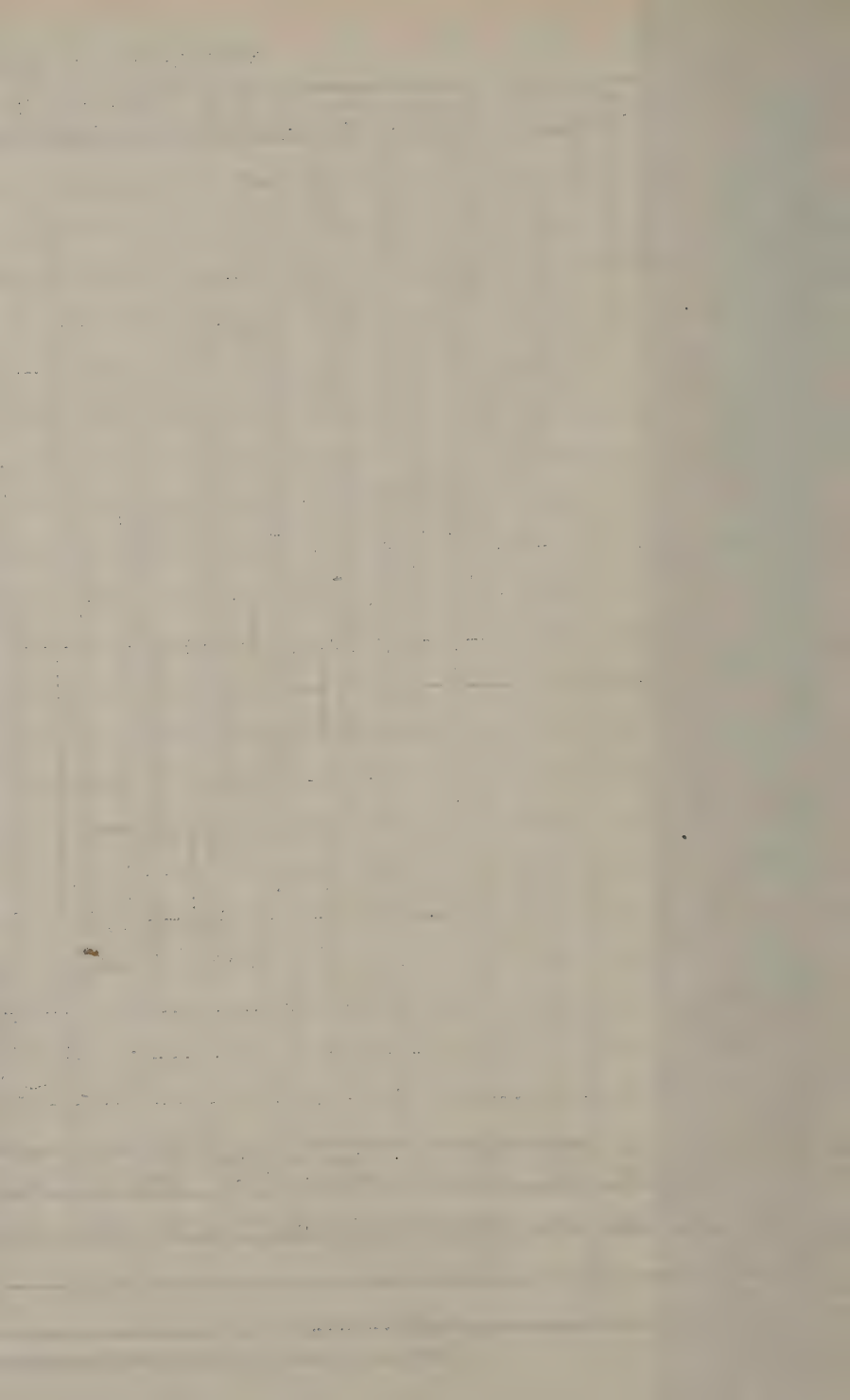
	No. in Class	No. Promoted on Probation	No. Not Promoted	Per Cent. Not Promoted
Grade 1 B	993	16	183	18.4
1 A	1325	25	162	12.2
2 B	910	34	122	13.4
2 A	1170	44	115	9.8
3 B	917	56	102	11.1
3 A	1202	50	100	8.3
4 B	1065	46	80	7.5
4 A	1187	44	111	9.4
5 B	956	71	85	8.9
5 A	1041	73	87	8.4
6 B	968	86	83	8.6
6 A	932	54	73	7.8
7 B	609	42	55	9.
7 A	558	52	34	6.1
8 B	471	29	40	8.5
8 A	447		16	3.6
Totals, .	14,751	722	1,448	9.8

Pupils in special classes not included in above table.

## MEMBERSHIP ON APRIL 1, 1924

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	ACCEL.	NORMAL	RETARD.	TOTALS	
	yrs.	yrs.	yrs.	yrs.	yrs.	yrs.	yrs.	yrs.	yrs.	yrs.	yrs.	yrs.	yrs.	yrs.	yrs.	yrs.	yrs.	yrs.					
					1														37	343	1	381	
	31	328	27																34	355		389	
		23	391	112	25	4	1		1										25	503	31	559	
	1	26	345	114	22	3	2												27	459	27	513	
		2	255	257	111	27	4	1											2	512	143	657	
		1	305	247	66	18	8	2											1	552	94	647	
			6	246	129	48	14	3	3										6	375	68	449	
			13	282	121	40	15	6	1										13	403	62	478	
			2	203	217	103	32	15	7										2	420	157	579	
			1	229	227	71	33	10	10	2									1	456	126	583	
			35	219	127	79	29	6	4	1	1								35	346	120	501	
			13	207	127	59	17	8	3		1	1							13	334	88	435	
			3	171	234	118	58	25	6	2	1								3	405	210	618	
			7	176	232	104	43	24	10	2									7	408	183	598	
			15	181	151	99	48	21	5	2									15	332	175	522	
			17	202	138	86	35	12	8	1									17	340	142	499	
			10	134	178	123	69	36	19	3									10	312	250	572	
			7	170	205	121	50	26	10	8									7	375	215	597	
			1	14	159	151	102	52	24	8									15	310	186	511	
			1	13	172	145	91	54	27	14									14	317	186	517	
					1	94	141	129	84	33	19		2						7	285	267	553	
					7	127	178	115	81	32	12								1	305	240	552	
					1		26	124	148	108	66	33	5	1						27	272	213	512
							26	130	146	105	46	25	1							26	276	177	479
							4	72	132	118	88	34	9							4	204	249	457
							17	91	138	107	66	34	6							17	229	213	459
								20	106	92	65	42	5	1						20	198	113	331
								20	113	116	44	19	3							20	229	60	315
								8	63	109	70	19	5							8	172	94	274
								6	100	105	68	24	4							7	205	96	308
								2	34	118	55	29	2							36	173	31	240
									32	110	68	34	4							32	178	38	248
								1	11	90	54	25	14	11						12	174	50	236
									13	115	71	21	8	1						13	186	30	229
									1	60	125	61	38	4	1	1	1	1	1	61	186	46	293
									3	49	166	97	39	6	1			1	52	263	47	362	
										1	22	89	60	22	10		2		23	149	34	206	
										1	32	117	68	17	5	1			33	185	23	241	
											1	6	23	62	25	5		2	7	85	32	124	
											1	24	76	50	35	2		25	126	37	188		
12	B																	1	9	79	13	101	
	L																	1	19	93	8	120	
	D																		2	12		14	
																			6	7	2	15	
Total		37	346	678	856	899	874	860	847	885	899	660	372	172	158	69	21	3	4	300	5797	2483	8640
		35	355	691	892	844	883	907	855	879	896	641	433	227	146	71	13		4	391	6281	2100	8772
Average		72	701	1369	1748	1743	1757	1767	1702	1764	1795	1301	805	399	304	140	34	3	8	751	12078	4583	17,412
Percent																			4.2%	67.1%	28.7%		
																			4.5%	71.6%	23.9%		
Percent																			4.2%	67.1%	28.7%		

Children in special and ungraded classes not included in above table



# AGE AND SCHOOLING CERTIFICATES ISSUED DURING 1924

Number of minors to whom certificates were issued during the year,  
and the number of each type certificate issued.

## EMPLOYMENT CERTIFICATES (14 to 16 years of age)

## EDUCATIONAL CERTIFICATES (16 to 21 years of age)

	Home Permits			Regular			Non-resident			Limited			Temporary			Farm			Domestic			Literate			Evening School			
	I	SI	S	I	SI	S	I	SI	S	I	SI	S	I	SI	S	I	SI	S	I	SI	S	I	SI	S				
Boys	4			588	28	255	15	4		61		1	42	5	3	1			2	3		1	1315	121	374	270	3	105
Girls	186	35		5 369	122	106	11	5		32		1	13			35		4 64	43			33	1445	112	350	257	2	79
Boys & Girls	190	35		5 957	150	361	26	9		93		2	55	5	3	36		4 66	46			34	2760	233	724	527	5	184
Totals	230			1468			35			95			63			40			146			3717			716			

TOTAL NUMBER ISSUED: 6,510

I—Initial first certificate issued.

SI—Subsequent certificate but first of its type.

S—Subsequent certificate of same type.

# REPORT OF ATTENDANCE OFFICERS.

## From September 5, 1923, to June 27, 1924.

	Mr. Silvia	Mr. Howes	Mr. Covill	Mr. Noyer
Schools visited,	1,335	1,544	1,012	1,188
Absences of pupils reported by teachers,	966	1,451	1,291	690
Absences of pupils without permission of parent,	34	84	75	47
Second offenses,	13	35	26	30
Third offenses,	5	28	10	20
Parents and guardians notified,	1,006	1,352	1,242	618
Pupils returned to school from streets,	25	33	49	22
Arrests,	1	4	0	3
Prosecutions,	1	4	0	2
Placed on probation,	0	1	0	1
Sentenced to training school,	1	3	0	1
Visits to mills,	62	45	63	46
Violations of labor laws,	8	0	8	10
Transfer cards received,	665	1,210	478	1,187
Evening school absences reported and investigated,	140	311	171	119
Posters carried out,	165	175	180	200
Enrollment cards carried out,	700	400	450	700
Visits to mercantile establishments,	29	38	51	52
Notices carried to schools,	753	626	453	872
Cases of tardiness investigated,	30	11	34	29

# DEPARTMENT OF PUBLIC SCHOOLS

Brief description of the schoolhouses, with their accommodations and conditions—Jan. 1, 1925.

	Name of School	Location	Material	No. of					No. of sittings	Year completed	Estimated Value	No. of Portables	Year Purchased	Estimated Value
				stories	rooms	halls	restrooms	mas- tins						
101	School Com. Rooms	166 William Street	Wood	2	24	3	2	1000	1851	\$12,150				
102	High	County St., bet. Court & Morgan Sts.	Brick	2	12				1912	800,000				
302	Parker Street	Parker St., near County St.	Brick	2	16	1		562	1852	106,675			1911	\$6,733
303	Hosea M. Knowlton	Cor. County and Coggeshall Sts.	Brick	2	15	1		796	1906	140,400				
304	Clarence A. Cook	Summer St., cor. Mill St.	Brick	2	18	1		732	1922	566,311				
305	Allen F. Wood	Cor. Pleasant and Russell Sts.	Brick	2	10	1		490	1860	45,675				
306	Robert C. Ingraham	Cor. Rivet and Blackmer Sts.	Brick	2	12	1		575	1901	110,925				
307	James B. Congdon	Hemlock St., cor. Thompson St.	Brick	2	16	1		779	1908	133,375				
351	Thomas Donaghy	Brook Ave.	Brick	2	12	1		615	1905	101,975			1911	2,250
352	William H. Taylor	Cor. South St. and Acushnet Ave.	Brick	2	12	1		590	1898	116,525				
353	Charles S. Ashley	Beet Ashley Blvd. & Rochambeau St.	Brick	2	12	1		840	1922	721,082				
354	Thomas R. Rodman	Mill St., cor. Rockdale Ave.	Brick	2	20	1	1	435	1908	102,725			1916-1919	5,722
355	Jireh Swift	Lunds Corner	Brick	2	10	1		466	1909	110,025			1915-1924	11,758
356	Abraham Lincoln	Cor. Ashley Blvd. and Glennon St.	Brick	2	10	1		980	1911	180,650			1915-1922	7,730
357	Betsey B. Winslow	Mt. Pleasant, near Sawyer St.	Brick	2	20	1		600	1912	191,750				
358	Mt. Pleasant	Cor. Katharine and Bonney Sts.	Brick	2	12	1	1	840	1922	673,118				
359	John B. DeValles	Coggeshall St., cor. Ashley Blvd.	Brick	2	20	1		532	1901	292,495			1910	1,944
400	John H. Clifford	Phillips Ave., cor. Ashley Blvd.	Brick	2	12	1		361	1897	61,775			1915	6,155
401	Phillips Avenue	Cedar Grove, St. near Acushnet Ave.	Brick	2	18			631	1882	45,045				
402	Cedar Grove Street	Clark St., cor. Myrtle St.	Brick	2	20	1		272	1897	92,450				
403	Clark Street	Merrimac St., cor. State St.	Brick	2	6			267	1857	24,600				
404	Merrimac Street	Cor. Pleasant and Maxfield Sts.	Brick	2	8			165	1881	31,625				
405	Mary B. White	Shawmut Ave., near Matfield St.	Brick	2	8			345	1881	18,850				
406	Horatio A. Kempton	Cor. Cedar and Maxfield Sts.	Wood	2	6	1		239	1855	10,125				
407	Cedar Street	Cor. Court and Tremont Sts.	Brick	2	17			188	1889	73,350			1915	2,053
408	Harrington Memorial	Cor. Pleasant and Kempton Sts.	Brick	2	8			343	1894	45,450			1910	2,463
409	Sylvia Ann Howland	Cor. Purchase and Madison Sts.	Brick	2	18			462	1878	53,045			1910	1,944
410	Thomas A. Greene	Acushnet Ave., near Grinnell St.	Brick	2	18			370	1885	54,545			1911	4,495
411	Acushnet Avenue	Division St., cor. Crapo St.	Brick	2	12			360	1891	48,345			1903-1911	7,183
412	Isaac W. Benjamin	Cor. Dartmouth and Hickory Sts.	Wood	2	8			366	1855	21,645				
413	Dartmouth Street	Cor. Dartmouth and Dimbar Sts.	Brick	2	8			363	1897	38,830			1911	2,250
414	George H. Dunbar	Cor. Dartmouth and Dimbar Sts.	Brick	2	8			363	1897	38,830				
415	Sarah D. Ottwell	Emery St., cor. Duman Sts.	Stucco	2	15	1		600	1918	298,300				
416	John Hannigan	Plainville Road	Brick	2	16	1		672	1921	273,500				
417	Plainville	Plainville Road	Wood	2	16	1		40	1846	1,450				
605	Rockdale	Pathway Road	Wood	1	2			60	1855	1,475				
606	Sassaquin	Sassaquin Sanatorium	Brick	1	3			75	1924	31,500				
607	Continuation School	Cor. Fowditch and Coggeshall Sts.	Wood	1	4			80	1920	9,500				
	Continuation School	Cor. South and Purchase Sts.	Wood	1	4			80	1920	9,500				
	Unoccupied	County Road	Wood	1	2			90	1852	2,000				
	Unoccupied	Summer St., bet. Elm and Middle Sts.	Brick	1	3			498	1844	46,800				

Totals

436 22 4 19,516 \$5,839,536 25 \$62,685



## NEW BEDFORD PUBLIC SCHOOLS.

Rates of tuition for non-resident pupils for school year, September 2, 1924, to June 26, 1925, same to be paid quarterly in advance:

High School,	\$150.00
Elementary Schools,	60.00

## SALARIES.

January 1, 1925.

	Max.
Superintendent,	\$6,500
Assistant Superintendent, Secondary Education,	5,000
Assistant Superintendent, Elementary Day Schools,	4,500
Director Department Health and Hygiene,	5,000
Director of Continuation Schools,	4,000

## HIGH SCHOOL

Principal,	\$4,725
Assistant Principal,	3,600
Supervisor of Commercial Work,	4,020
Heads of Departments,	3,100
Clerk, (per week),	35.00
Matron (per week),	30.00
Accompanists (per day),	4.50
Custodian, R. O. T. C. Property (per week),	5.00

BASAL SCHEDULES FOR PRINCIPALS OF ELEMENTARY  
AND JUNIOR HIGH SCHOOLS.

	First Year	Second Year	Third Year	Fourth Year
Elementary Schools,				
10-14 class units,	\$2,100	\$2,250	\$2,400	\$2,550
15-19 class units,	2,350	2,500	2,650	2,800
20-24 class units,	2,600	2,750	2,900	3,050
25 plus class units,	2,850	3,000	3,150	3,300
Junior High Schools,	3,400	3,600	3,800	4,000

Rockdale and Plainville principalships \$50 in addition to salary to which principal is entitled as a teacher.

Principalships with less than 10 class units, first year \$100, thereafter \$150 in addition to salary to which principal would be entitled as a teacher.

# BASAL SALARY SCHEDULES FOR REGULAR CLASSROOM TEACHERS.

Years of Credited Experience	Kinder- garten Elementary	Junior High	Senior High
0	\$1,000	\$1,300	\$1,500
1	1,100	1,425	1,650
2	1,200	1,550	1,800
3	1,300	1,675	1,950
4	1,400	1,800	2,100
5	1,500	1,925	2,250
6	1,600	2,050	2,400
7	1,700	2,175	2,550
8	1,800	2,300	2,700
9	1,900		
Annual increase	100	125	150

Special teachers of sewing, cooking and sloyd are subject to the schedule applying to the type of school in which they serve.

Continuation School teachers are subject to the Junior High Schedule.

Teachers of ungraded classes are entitled to \$50 in addition to regular salary under the schedule.

Teachers of special classes, sub-normal, sight-saving and fresh air—working alone, \$150; with a "cadet" assistant \$250.

"Cadet" assistants, under the supervision of special class teachers, \$100 additional.

Maximum salary of "cadet" assistants, working with special class teachers, \$1300.

"Cadet" assistants working with kindergarten teachers, salary according to basal schedules, with a maximum of \$1300.

Supervisor of groups of "cadet" grade teachers, \$100 first year, \$150 thereafter.

## SUPERVISORS AND SPECIAL TEACHERS.

	Max.
Physical Education,	\$4,000
Instrumental Music,	3,200
Vocal Music,	2,975
Practical Arts,	2,975
Sloyd,	2,850
Asst. Supervisor of Physical Education for the Grades,	2,700
Americanization,	2,560
Cooking,	2,050

Sewing,	2,050
Assistants in Music,	2,000
Assistants in Practical Arts,	2,000
Assistants in Physical Education,	2,000

## CONTINUATION SCHOOLS.

	Min.	Max.
Heads of Departments,	\$2,000	\$2,600
Increase \$125 annually.		

	Per-week
Superintendent's Secretary,	\$40.00
Bookkeeper,	32.00
Office Clerks,	\$18.00 to 27.00
Storekeeper and Custodian,	38.00
Chief Attendance Officer,	42.30
Attendance Officers,	38.46
Inspector School Property,	53.84
Supervisor of Nurses,	38.46
Nurses,	30.00
Department Mechanics,	44.00
Department Electrician	40.00
Chauffeur and Repair Man,	30.00
High School:	
Engineer,	45.00
Assistant Engineer,	35.00
Firemen,	30.00
Custodian,	35.00
Outside Man,	30.00
Women Helpers (per hour),	.40
Elementary School Custodians:	
4 room unit,	30.00
Plus 50c for each additional room; hall equivalent to 1 room; cooking, manual training, equivalent to 2 rooms each.	
Portables (per year),	75.00
Spare Custodians,	28.00
Women Helpers (per hour),	.40

## EVENING SCHOOL SALARIES.

	Per Night
High School Teachers,	\$4.00
High School Orchestra Leader,	5.00
Elementary School Principals,	5.00

# SCHOOL REPORT

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## Elementary School Teachers:

(1) To trained teachers who are receiving maximum day school salary,	3.50
(2) To trained teachers who have had one year of successful experience in evening school work,	3.50
(3) Untrained teachers who have had at least two years of successful experience in evening school work,	3.50
(4) To all others,	3.00
	Per Hour
For teachers in Americanization Classes who come in classes 1, 2 and 3 as above,	\$1.75
For those in class 4,	1.50

## CALENDAR 1925.

### TERMS.

Fall term begins Sept. 3, 1924; ends Jan. 23, 1925.  
 Spring term begins Jan. 26, 1925; ends June 26, 1925.  
 Fall term begins Sept. 8, 1925; ends Jan. 29, 1926.

### VACATIONS.

Mid-winter vacation, one week, beginning Feb. 23, 1925.  
 Spring vacation, one week, beginning April 20, 1925.  
 Summer vacation, ten weeks, beginning June 29, 1925.  
 Christmas vacation, one week, beginning December 21, 1925.

### HOLIDAYS.

New Year's	January 1
Good Friday,	April 10
Memorial Day,	May 30
Columbus Day,	October 12

From Wednesday noon before Thanksgiving the remainder of the week.

### SCHOOL SESSIONS.

High School: Morning session, 8.15 to 1.00 P. M. Afternoon session, 1.30 to 5.05 P. M.

Grammar and Manual Training Schools: Morning session, 9.00 to 11.45 o'clock. Afternoon session, 1.30 to 3.45 o'clock without recess.

Primary and Kindergarten Classes: Morning session, 8.45 to 11.45 o'clock. Afternoon session, 1.30 to 3.30 o'clock. Recess in these classes for every pupil, 15 minutes in the forenoon, 10 minutes in the afternoon, as near the middle of the session as practicable.

In all other classes the sessions shall be prescribed by the Superintendent, subject to the approval of the Committee.

Whenever in the judgment of the superintendent the weather is so extremely inclement as to imperil the health of the pupils, or the conditions are such as seriously to interfere with pupils going to school, he shall have authority to order a no school signal.

The signal for no session of the schools shall be two strokes on the fire alarm, one repeated (2-2), at 7.30 a. m. for the morning session, and at 11.50 a. m. for the afternoon session. This signal does not apply to Continuation Schools.

## OFFICE OF SUPERINTENDENT OF SCHOOLS

### 166 William Street.

Office open 8.30 a. m. to 4.30 p. m., except Saturdays.

Saturdays, 8.30 a. m. to 4.00 p. m.

ALLEN P. KEITH, Superintendent.

Office hours, 8.30 to 9.00 a. m., 12 to 1 p. m.; except Saturdays.

Saturdays, 8.30 to 10.00 a. m.

CLARENCE E. HOWELL, Assistant Superintendent.

Director Secondary Education.

Office hours, 12.00 to 1.00 p. m., except Saturdays.

JOSEPHINE B. STUART, Assistant Superintendent.

Elementary Day Schools.

Office Hours, Mondays and Wednesdays, 4.00 to 5.00 p. m.

CHARLES W. MILLIKEN, M. D., Director Health and Hygiene,

Office Hours, 2.00 to 3.00 p. m.

EDWARD T. N. SADLER, Director of Continuation Schools.

Office Hours, 1.30 to 2.30 p. m., except Saturdays.

THOMAS C. FERGUSON, Supervisor Department of  
Physical Education.

Office Hours, 8.30 to 9.00 A.M., and 1.30 to 2 P.M. except Saturdays.

Chief Clerk.

VIOLA C. MANSEAU, 30 Durfee Street.

Assistant Clerks.

CLARA S. BLAKE, 45 Parker Street.

GERTRUDE E. EGAN, 47 Independent Street.

HELEN E. JONES, 63 Elm Street, Fairhaven.

MARY G. NOYER, 82 Morgan Street.

GLADYS B. JONGLEUX, 153 West Morgan Street.

META G. CORNELL, 94 Hillman Street.

ETHEL F. MILLER, 23 Salisbury Street.

MURIEL B. TRACY, 299 Chancery St.

Inspector of School Property.

DANIEL H. FERGUSON, 563 Union Street.

Office Hours, 12.00 to 1.00 p. m., except Saturdays.

Department Mechanics.

WILLIAM O. MARTIN, 209 Summer Street.

SYDNEY A. CORNELL, 473 West Elm Street.

HOWARD C. WILBUR, 42 Liberty Street.

Storekeeper and Custodian.

JOHN EGAN, 980 County Street.

Chauffeur and Repair Man.

J. FREDERICK GEE, 75 Hillman Street.

Chief Attendance Officer.

JOHN S. SILVIA, 126 Campbell Street.

Assistants.

FRANCIS N. HOWES, 318 Arnold Street.

RALPH COVILL, 151 North Street.

JOHN C. NOYER, 82 Morgan Street.

Office hours, 8.30 to 9.00 a. m.



## TEACHERS AND CUSTODIANS

IN SERVICE JANUARY 1, 1925.

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	Principals.	Assts.	Clerks.
High School,	1	66 (2*)	2
Elementary schools,	29	483	
Suburban schools,	2		
Continuation schools,	1	27 (1*)	3
	<hr/>	<hr/>	<hr/>
	33	576	5

	Supervisors	Assts.
Americanization,	1	1
Music,	2	3
Drawing,	1	3 (1*)
Manual Training,	1	5
Cooking,	1	3 (1*)
Sewing,	1	8 (2*)
Kindergarten,	1	
Mentally Retarded,	1	
Penmanship,	1*	
Physical Education,	1	7
Matron,		1
Accompanists,		2
Attendant on cars,		1
Military Professor, R. O. T. C.,	1	1
Health and Hygiene,	1	
Nurses,	1	6
	<hr/>	<hr/>
	14	41

\*(Part-time)

	Custodians.	Assts.	Eng.	Asst. Eng.	Fire-men.
High,	1	*7	1	1	3
Elementary schools,	33	*9			
Spare men,	8				
Suburban schools,	2				
Retired	4				
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	48	16	1	1	3

\*Includes women helpers.

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## In Memoriam

RETTA M. BRISCOE,  
Teacher.  
1910 - - - 1923.

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BERTHA E. JENNEY,  
Teacher.  
1900 - - - 1924.

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ALICE P. TERRY,  
Teacher.  
1891 - - - 1924.

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RUSSELL B. SPRAGUE, M.D.,  
Director.  
1923 - - - 1924.

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Following are the names of teachers and other employees who have left the service or who have been appointed to the department during the past year:

## RESIGNED, 1924.

Vera L. Allen	Muriel H. Mayo
Helen Ammerman	Georgia C. McClench
Florence M. Bullen	Anne E. McHugh
Mary E. Chadwick	Mary P. McQuade
Eileen Deneen	Alice M. Mercer
R. Maude Dewey	Dorothy U. Murphy
Georgia M. Dignam	Mary G. Perry
Elsie N. Eldridge	Anna R. Pollard
Luise Hosp	Alice E. Silvia
Celia S. Joslyn	Bertha S. Slater
Mary C. Ledvina	Russell B. Sprague, M.D.
Agnes Lofthouse	Clara G. Sullivan
Marie O. Vieira	

## RETIRED.

Isadore F. Eldridge	Edwin S. Tallman
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## APPOINTED.

Mary Adams	Jeannette A. Fournier
Julia A. Avila	Mary V. Gida
Carl F. W. Bergstrom	M. Alice Gilmore
Grace M. Bonnar	Daniel Gray
Anna M. Brady	Lillian E. Gregory
Harry E. Brown	Amy Hathaway
Elizabeth Carmody	Helen F. Hathaway
Agnes C. Connors	Frances E. Harney
Vashti M. Crosby	Rebecca R. Higgins
Lolita C. Davis	Annabelle Hillman
Hester C. Denby	Frances M. Lang
Elizabeth A. Donovan	Alfred L. Lawrence
Helen T. Downey	Lucy B. Leonard, R.N.

Agnes Lofthouse	Albert E. Ridings
Arletta M. Manning	Anna M. Riley
Martha A. Marsden	M. Evelyn Rutter
Mary C. McCue	Guy A. Senesac
Lillian McKay	Charles L. Tarpey
Charles W. Milliken, M.D.	Helen R. Toomey
Helen Morrison	Muriel B. Tracey
Wenona Mullaney	Eileen P. Walsh
Alton B. Paull	Arthur W. Wathen
Hazel B. Pawlowsky	Gladys M. Wilbur
Marion E. Peterson	Howard C. Wilbur
Margaret Quinn	Agnes C. Wilcock
Walter Rawcliffe	Catherine V. Winsper
Richard P. Reagan	Ethel Winsper

Joseph P. Worden

### GRADUATES.

1924.

#### High School.

G. Walter Williams, Principal.

### HIGH SCHOOL GRADUATES, 1924.

#### JANUARY.

	Boys	Girls	Total
College Preparatory Course,	4	13	17
Scientific Course,	13		13
General Course,	1	6	7
Commercial Course,	2	24	26
	<hr/> 20	<hr/> 43	<hr/> 63

#### JUNE.

	Boys	Girls	Total
College Preparatory Course,	7	22	29
Scientific Course,	29		29
General Course,	7	23	30
Commercial Course,	7	13	20
	<hr/> 50	<hr/> 58	<hr/> 108

## Grammar Schools.

	Boys	Girls
Parker Street—Arthur F. Gilbert, Principal,	37	46
Hosea M. Knowlton—Edward B. Gray, Principal,	52	35
Clarence A. Cook—Elwyn G. Campbell, Principal,	20	40
Allen F. Wood—Leslie H. Sutherland, Principal,	27	32
Robert C. Ingraham—Elizabeth M. Briggs, Principal,	70	75
James B. Congdon—Raymond H. Cook, Principal,	35	35
Thomas R. Rodman—Sarah A. Russ, Principal,	25	29
Jireh Swift—Stella L. McCarthy, Principal,	26	33
Abraham Lincoln—John W. Northcott, Principal,	35	45
Betsey B. Winslow—Leslie H. Sutherland, Principal,	22	14
Mt. Pleasant—Frank P. Shea, Principal,	27	24
	<hr/> 376	<hr/> 408

## Statistics---High School

1923 - 1924

HIGH SCHOOL ENROLLMENT  
1924

	Commercial Courses			General Courses			Scientific Courses			College Courses			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
P.G.'s													8	11	19
8's	9	39	48	8	30	38	44		44	14	36	50	75	105	180*
7's	3	31	34		19	19	34		34	13	11	24	50	61	111
6's	13	36	49		36	36	40		40	19	26	45	72	98	170
5's	20	39	59		33	33	28		28	20	19	39	68	91	159
4's	18	63	81		42	42	61		61	31	34	65	110	139	249
3's	28	56	84		34	34	59		59	29	38	67	116	128	244
2's	46	83	129		63	63	64		64	41	45	86	151	191	342
1's	85	108	193		59	59	77		77	62	45	107	224	212	436
	222	455	677	8	316	324	407		407	229	254	483	874	1036	1910

\*Including the class which graduated in January.

Total Registration by courses was:

Post Graduates, 19

Commercial Courses, 677

General Courses, 324

Scientific Courses, 407

College Preparatory Courses, 483

1910



## PUPILS ENTERING THE HIGH SCHOOL—SEPTEMBER, 1923.

	Boys	Girls	Total
From New Bedford schools,	144	167	311
From other schools in city	20	28	48
From schools out of city,	21	26	47
	<hr/> 185	<hr/> 221	<hr/> 406

## PUPILS ENTERING—JANUARY, 1924.

	Boys	Girls	Total
From New Bedford schools,	139	152	291
From other schools in city,	3	6	9
From schools out of city,	0	2	2
	<hr/> 142	<hr/> 160	<hr/> 302

NUMBER OF PUPILS WHO HAVE LEFT THE HIGH SCHOOL  
DURING THE SCHOOL YEAR 1923-24.

	Boys	Girls	Total
8's,	3	1	4
7's,	8	4	12
6's,	12	6	18
5's,	17	8	25
4's,	18	19	37
3's,	26	21	47
2's,	31	37	68
1's,	80	61	141
	<hr/> 195	<hr/> 157	<hr/> 352

## CAUSES FOR LEAVING.

	Boys	Girls	Total
Neglect of school work,	32	18	50
Went to work,	107	72	179
Moved from city,	15	17	32
Went to other schools,	25	20	45
Needed at home,	0	14	14
Illness,	15	16	31
Death,	1	0	1
	<hr/> 195	<hr/> 157	<hr/> 352

## SCHOOL REPORT

33 t

## HIGH SCHOOL GRADUATES, 1924

## January

	Boys	Girls	Total
College Preparatory Course	4	13	17
Scientific Course	13		13
General Course	1	6	7
Commercial Course	2	24	26
	<hr/> 20	<hr/> 43	<hr/> 63

## June

	Boys	Girls	Total
College Preparatory Course	7	22	29
Scientific Course	29		29
General Course	7	23	30
Commercial Course	7	12	19
(No course marked on diploma)		1	1
	<hr/> 50	<hr/> 58	<hr/> 108

## GRADUATES ENTERING HIGHER INSTITUTIONS

	Boys	Girls	Total
Bates College	2		2
Boston University	1	1	2
Colby College	1	1	2
Harvard University	2		2
Massachusetts Institute of Technology	3		3
Northeastern University	3		3
Radcliffe College		2	2
Skidmore College		1	1
Smith College		2	2
Tufts College	5		5
University of Maryland	1		1
University of South Carolina	1		1
University of Vermont	1		1
Wesleyan University	1		1
Wheaton College		1	1
Miss Lesley's Kindergarten Training School		2	2
Massachusetts School of Optometry	1		1
Massachusetts College of Pharmacy	2	1	3
New Bedford Textile School	2		2

Philadelphia Textile School	2		2
Sargent's School of Physical Training		4	4
Andrew T. Still College of Osteopathy	1		1
St. Luke's Training School for Nurses		2	2
Bridgewater Normal School		18	18
Fitchburg Normal School		3	3
Gorham Normal School (Maine)		2	2
Hyannis Normal School		5	5
Miner Normal School (Washington, D. C.)		1	1
Worcester Normal School		1	1
	<hr/>	<hr/>	<hr/>
	29	47	76

## Statistics---Americanization Department

1923-24

### EVENING SCHOOLS

School	Enrollment
Allen F. Wood	156
Hosea M. Knowlton	213
John B. DeValles	134
Abraham Lincoln	140
Robert C. Ingraham	203
Parker Street	55
	<hr/> 901

### OTHER CENTERS

Churches	No. of Classes	Enrollment
Mt. Carmel—Portuguese	8	112
St. John's—Portuguese	5	60
Our Lady of Purgatory—Syrian	2	39
Holy Rosary—French	3	50
St. James—Irish	1	20
	<hr/> 19	<hr/> 281

Clubs	No. of Classes	Enrollment
Monarchic—Portuguese	3	50
Monte Pio—Portuguese	2	25
Portuguese American	1	17
N. B. Syrian Association	1	18
Sharpshooters—French	2	35
Cape Verde Sports—Bravas	3	45
Cape Verde Benefit—Bravas	3	30
	<hr/> 15	<hr/> 220

Other Centers	No. of Classes	Enrollment
Sassaquin Sanatorium	1	17
Library—Jewish classes	5	65
International Institute	1	17
Home classes	10	120
Library—West Indies Class	1	10
City Mission	3	36
Knowlton School	2	20
Bureau of Immigration	1	20
	<hr/> 24	<hr/> 305

Mills	No. of Classes	Enrollment
Beacon	3	44
Booth	4	40
Butler	7	125
Gosnold	3	37
Holmes	8	95
Nashawena	2	22
Nonquitt	4	60
Page	3	37
Potomska	4	38
Taber	2	25
Wamsutta	8	91
Whitman	4	41
N. B. Cordage Co.	4	45
American Cotton Fabric	10	110
Fairhaven	1	21
Grinnell	4	63
Taunton—N. B. Copper Works	1	17
	<hr/> 72	<hr/> 911

## TOTAL

Place	No. of Classes	Enrollment
Evening Schools	34	901
Mills	72	911
Churches	19	281
Clubs	15	220
Other Centers	24	305
	<hr/> 164	<hr/> 2,618

## Report of the Superintendent

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To the Honorable School Committee:

Mrs. Burton and Gentlemen:—I have the honor to submit the sixty-fourth annual report of the Superintendent of Schools of this city.

### INTRODUCTION.

The chief aims of our schools are to train children to become self-controlled, self-directed, self-supporting, intelligent citizens.

To give training along these lines children must have the opportunity to regulate their own conduct to some extent. They must be given more or less individual work, they must acquire habits and standards of work, and they must be called upon to think rather than to depend upon memory alone. Schools which are following this program are among our best schools.

The good school may be recognized by the following:

1. A teacher who is sympathetic, companionable, a friendly guide to every pupil, the dull as well as the brilliant.

2. Pupils who appear industrious, interested, contented, alert, and self-controlled.

3. Written papers which are neat, accurate, well thought out, and individual enough to show that they are the result of the pupils' individual efforts.



4. Oral work which gives evidence that the pupil is using, or is trying to use, his own brains; that he has gained some mental grasp upon the facts being studied; and that he is storing up some knowledge which will be profitable to him.

Through a constructive and progressive program a loyal corps of supervisors, principals, and teachers are carrying on to achieve the above aims and standards.

### RETIREMENTS.

"Miss Isadore F. Eldridge, principal of the Dartmouth Street School, retired from active school duties June 27, 1924. Her record is unique. Fifty-five years of her life have been spent in one school. She attended Dartmouth Street School three years as a pupil. Later she became a teacher there. After two years of teaching she became principal of the school and has continued in that office for fifty years.

"In 1873, at the time Miss Eldridge began teaching, there were only nine primary schools, three grammar schools, and a high school in New Bedford. Now the city has thirty-six schools. At that time a grade teacher's salary was \$375. Now it is \$1,900."

"Miss Eldridge has seen her pupils grow to men and women, parents and grandparents. Through this long period of service her interest in school matters, even to the smallest detail, has never lagged; and her energy and enthusiasm have not failed during her long career. Now, upon retiring, she can leave feeling that her work has been faithfully and earnestly performed."—Teachers' Association Bulletin.

I am glad to add my word of endorsement to the above paragraphs. Miss Eldridge has well earned the respect and esteem of the community in which she has labored so long

and faithfully and we trust that she may long enjoy the fruits of her labor.

Mr. Edwin S. Tallman, custodian of the Dartmouth Street School, retired July 1, 1924, after thirty-three years of service in various buildings. Mr. Tallman always evidenced a deep interest in the pupils of his schools and was a man of dependability, faithfully and thoroughly performing the work to which he was assigned.

### HEALTH WORK.

Good health is accepted as the leading objective in all our school work.

Health instruction relates health habits to daily life. Health laws should be lived. It is the purpose of our health work to point the way, to set up guide posts for the achievement and maintenance of an abundance of health.

Our program of work was unfortunately interrupted by the illness and death of our Director of Health and Hygiene, Dr. Russell B. Sprague. Dr. Sprague came to us with a ripe experience in public health work and in the short time he was allowed to work with us won the respect and good will of all, both in and out of the department. His quiet manner of going about his work promised success and progress and his untimely death is mourned by all who knew him.

Dr. Charles W. Milliken, who succeeds Dr. Sprague, has had long and successful experience in the public health field and we are fortunate in securing his services.

### PHYSICAL EDUCATION.

Our department of physical education has been successful in getting its part in the health program well established during the year. Under the able and enthusiastic leadership of Mr. Thomas C. Ferguson plans have been

made and put into effect to reach every boy and girl that all may receive the benefits which follow the living of good health habits. Among the accomplishments of the year may be mentioned the following:

Nets have been placed in the halls of the Lincoln, Parker Street, Cook, Knowlton, Winslow, Donaghy, Congdon, and Ingraham Schools making them available for basketball and other indoor games. These with the regular gymnasiums, give excellent opportunity for organized activities.

Intramural and interschool games have been arranged and baseball, basketball, volleyball, and soccer teams organized.

Organized play has been extended to every school in the city.

Posture work has received more attention as Miss Parker has given more time to this special department and has been aided by teachers who, through experience in assisting her, have been able to take charge of the daily drills. Parents have also taken a deep interest and, realizing the good which comes from this work, have assisted in every way possible.

Athletic tests have been introduced in the grammar grades and every child is classified in accordance with standard tables. One thousand sixty-seven of the nearly seven thousand children who have taken the tests received the school emblem and merit certificate.

In all the grammar grades each classroom is organized by squads under the direction of squad leaders. These leaders are elected by the pupils at the beginning of each term. They have charge of their squads, instruct the groups, coach the teams for games and record the results. This leadership has become so important that classroom teachers are using the squad leaders for other school ac-

tivities. A great part of the routine is now cared for in this way.

A swimming campaign for boys over eleven years of age, who could not swim, was put on with the Y.M.C.A. and the Massachusetts Humane Society co-operating. Of the four hundred sixty participating, more than two hundred learned to swim.

Miss Stuart has made the following interesting report on the results of the recreational activities conducted by the department of physical training:

"The recreational activity has not only resulted in increased health for the pupils but it has had an equally favorable influence upon mental work and also upon discipline. Many teachers have been surprised to see the amount of nervous energy which the children work off during the recreational period and have been further surprised by the increased interest and power with which these pupils return to their studies. Principals have remarked that under present conditions children do more and better work in fifteen minutes than they used to accomplish in half an hour when they sat still for the greater part of the session. These principals also report that in many of the classrooms discipline is now a negligible feature of the teacher's work because occasions for discipline do not arise. The pupils' abounding energy and vitality find their natural outlet in physical activity instead of being repressed by conditions which resulted in the temperamental explosions that called for discipline.

"Among other results which these directed physical activities tend to produce and which definitely influence the pupils' classroom interests are found is an increased mental alertness which springs from a wish to excel others and a desire to meet the requirements of the rules of the game. Later comes the broadening of interests which makes the success of the group, the squad, the team of more im-

portance than the individual success of any one of the group, a point of view well in accord with the spirit of socialized work in the classroom and helpful to it.

"During the present term the following indications of progress have been specially noticed:—1. An absence of restlessness and inattention, 2. a spirit of endeavor, 3. a more definite grasp upon the facts and technical points presented in the course of study, 4. an increasing recognition of and acceptance of the responsibility which freedom entails, 5. a growing appreciation of the importance and value of mental work, 6. habits of mental application which are tending to decrease distaste for mental work and to develop the satisfaction in accomplishment which is one of the rewards of the worker."

The opening of the new girls' gymnasium at the high school has made it possible to extend the program so that all freshmen and sophomores now have regular periods in physical training. Among the new games introduced, hockey is taking a prominent place and offers an excellent opportunity for wholesome outdoor exercise.

Mr. Harry Brown has been engaged to coach all the boys' athletic teams. He came to us from Whitman where he had been very successful in this type of work. His former principal in recommending him spoke not only of his success in interesting boys in outdoor and indoor sports but commended him especially as the right kind of a leader of boys.

#### THE NEW SARGENT FIELD.

Early in the year the Kiwanis Club of New Bedford selected "An Enlarged and Improved Sargent Field" as its project and went about the task of raising the fund of sixty thousand dollars with a great deal of enthusiasm. Under the inspiring leadership of President John Duff the members of the club went to work with a will which saw only



victory and with the assistance of the elementary and high school pupils and several of the civic organizations the fund was completed. The enlarged field, including a grand stand with a well appointed locker and shower house, was formally delivered to the board of directors of the William E. Sargent Athletic Field Corporation at the regular meeting of the Kiwanis Club held December twenty-third at the New Bedford Hotel.

Under the able leadership of Mr. William Tallman, the great problem of drainage was successfully solved. The general layout, the grand stand and the club house were all planned by Mr. Tallman without charge and will stand as a monument to his interest in the school children of New Bedford.

This field will prove a great help to us in carrying out our physical education program and should be a great source of pride to our city. A bronze tablet twelve by eighteen inches has been placed at the right of the entrance to the club house inscribed as follows ;

SARGENT FIELD  
ENLARGED AND IMPROVED  
1924  
WITH FUNDS OBTAINED  
BY  
PUBLIC SUBSCRIPTION

---

NEW BEDFORD KIWANIS CLUB  
SPONSOR

I am very glad to commend this project of Mr. Duff and his associates which will mean so much to the school children of New Bedford.



## OUR HOSPITAL CLASSES.

Another unusual feature of school work is found in the hospital classes which have been in operation here for several years. The first of these classes was formed in 1915 at the Anti-Tuberculosis Sanatorium at Sassaquin, its purpose being to furnish school instruction and occupational training for the child patients who were well enough to profit by this training but whose health was not sufficiently established to allow them to return to their homes.

At the present time this school is housed in a new finely equipped one-story brick building erected for the school department by the City Government. It is located on land donated by the Sanatorium and is situated near the children's ward. The children attend the school sessions whenever attendance is recommended by the hospital physicians, but school attendance and the amount of work attempted by each child is controlled by his physical condition and his school progress is subordinate to his physical welfare.

The mental training given in this school follows the course outlined for the grades in the other schools of the city but the pupil's progress must depend upon his health and "keeping up with the grade" is a negligible aim. The occupational training given in this hospital class is based upon the individual needs and endowments of the pupils. A carefully graded course in hand training has been worked out by the principal of the school, who is herself an expert instructor of teachers in this line of work, and the child's home environment and probable future needs are considered when adapting the course to the individual pupil.

This school is a part of the school system and under the supervision of its officials. Here, as in every other department of the system, the aim of the officials is to furnish the training which will further the welfare of the child.

In 1919 another hospital class was established, a class for orthopaedic child patients at St. Luke's Hospital, and for child patients whose treatment at the hospital necessitated a long stay there but whose health was otherwise good. In September, 1924, this hospital class was transferred to Sol-e-Mar, the beautiful hospital for children which a generous friend has built on the seashore in Dartmouth and furnished with the best equipment that modern science and skill have devised.

The class at Sol-e-Mar now includes twenty-three children who are receiving orthopaedic treatment. As in the other hospital classes, school attendance and school work are governed by the child's physical condition. Here, too, the work is based upon the course for the grades, but here, also, the aim is to provide healthful mental activity and to inculcate good mental and social standards and habits rather than to keep the pupils up to grade.

Each of these hospital classes stands among the first of its kind to be established and maintained by a public school system, and each is recognized as among the best.

### HELPING TEACHERS.

The first full year's work of the helping teachers is summarized by Miss Stuart as follows:

"The influence of the helping teacher has had a good effect upon the atmosphere of the schoolroom. The precocious child and the retarded child are equally out of their element in a grade unsuited to their powers and are in consequence prolific sources of restlessness, inattention, disorder, and disobedience. Through the individual instruction of the helping teacher the retarded child has gained in self-confidence through his comprehension of points which he had failed to understand and which had seemed to him so hopelessly beyond his power that effort was useless. A habit of accomplishment is being formed to replace the habit of defeat; his progress, however slow it may be, is

still progress instead of failure; and, provided he is making all the progress of which he is capable, it is of comparatively little consequence whether he completes the grade within the normal time or whether he requires additional time.

"The child capable of making more rapid progress than his classmates gains from the helping teacher a profit more evident if not more valuable than that received by his less gifted classmate who shares in her instruction. In many cases these more capable pupils need motivation rather than instruction in order to cover the ground required for entrance into a higher grade that better meets their interests and their needs.

"A comparison of the percentages of retardation in grades four, five, and six for the past two years (Table 1) will indicate some of the results of the work of the helping teacher. A report of the total averages of retardation in the elementary grades for the years 1920, 1923, 1924, is also included as it serves to furnish evidence of the steady gain in lessening the amount of retardation in the elementary grades. The averages alone are given for the year 1920 as no tabulation of grade age of boys and girls was made until 1922.

TABLE 1.

Report on Percentage of Retardation in Elementary Grades.

1920, 1923, 1924.

Primary Grades (Grades 1, 2, 3)

	1920	1923	1924
Boys		24.8%	21.6%
Girls		21.3%	17.8%
Average	26.3%	23.1%	19.7%

## Grammar Grades (4, 5, 6)

	1920	1923	1924
Boys		46.6%	36.4%
Girls		41.1%	34.6%
Average	47.6%	43.9%	35.5%
Total Average	36.9%	33.5%	27.6%

(For convenience Grade 4B has been reported with the Grammar Grades.)

"The National Standard Tests administered each year have influenced this readjustment in grade-age assignment of pupils, but the value of the test in each school is measured by the judgment and insight exercised by the teachers and principals who have charge of the promotion of pupils. In every school the tests have served to point out the pupils who need the individual instruction of the helping teacher. That her work is efficient is shown by comparing the percentage of retardation of boys in the grammar grades in 1923, (46.6%) with the percentage of retardation of boys in the grammar grades in 1924, 36.4%) a gain of 10.2%."

The following paragraphs from Mr. Howell's report are interesting and self-explanatory:

"In co-operation with the assistant superintendent, and principal, three committees of high school teachers started work last year on various phases of the high school problem. These committees considered, respectively, a high school manual, student activities, and curricula. The committee on a high school manual completed its work in time for final revision this fall, and the printed manuals are expected from the press this week. We anticipate that these manuals will be of great value to prospective high school students in their selection of high school courses, and are planning a careful study of them by all pupils of each 8A grade."

"Recommendations of long standing concerning the high school library culminated in an agreement for co-op-

eration between the city library and the superintendent so that a librarian is now regularly established at the school." Miss Grace F. Lyman, who began her duties as librarian last September, is working faithfully to assist all the teachers and pupils in the High School.

"Sometimes we hear outsiders criticise the so-called 'free time' which teachers have. In this connection it is particularly interesting to note the numerous after-school pupil activities such as clubs, school papers, and societies, including athletics, which are being carried on voluntarily in the grammar schools and high school. All credit belongs to teachers and principals for this fine program that means so much to the children. It has been developed in some schools to the point where every teacher has some such duty, and throws herself into it with a will. Undoubtedly we must look forward to the time when we shall have to recognize some of these activities as being desirable parts of our regular programs and provide for them accordingly."

"We were fortunate in having made available to us funds wherewith to purchase visual education material. After a trial period of four weeks, during which the assistant superintendent put on sample programs in the various 7th and 8th grade schools, it was decided to purchase portable Acme moving picture projectors and Trans-Lux Daylight Screens for nine of the buildings. These machines are now here, and we are at work getting the detailed information necessary for the securing of licenses, choosing of films, and making up of programs. It is planned to show, one good film per month in geography, and one in history, for each grade. These films are to be used in the classrooms as teaching material for their study and informational value."

#### CONTINUATION SCHOOLS.

Under the efficient leadership of Mr. Edward T. N. Sadler our continuation schools have won an enviable rep-



utation in the state. The following paragraphs from his report merit careful study:

"A study of the problem of school age and attendance has been made by the educators of the state during the past two years. As a part of this study the New Bedford Continuation School made certain investigations. I believe that some results of these investigations should be mentioned in this report because they have an important bearing upon the school problem in this city.

### DISLIKE FOR SCHOOL.

"20% of the boys and girls in the New Bedford Continuation School in September 1924 gave dislike for school as the reason for leaving the full-time school. Whether or not 20% is an accurate figure, I believe that this dislike for school is very real and is a vital factor in removing pupils from the full-time school. It is based largely upon a lack of interest in the school program. Most of it can be removed by providing a more diversified program. I know of no stronger evidence of the need for Junior High and Comprehensive High Schools.

### DRIFTING IN INDUSTRY.

"The following was secured from a study of the job record of pupils 14-16 who were discharged from the New Bedford Continuation School from September 1920 to September 1924:—

Total number of pupils	4,889
Total number of jobs	8,014
Average number of jobs per pupil	1.6

61% of the pupils had 1 job.

84% of the pupils had not more than 2 jobs.

"Many of the changes in jobs were the result of promotion or industrial depression. Previous reports from other sources have indicated much useless shifting of jobs



among workers of this age. This being so, the evidence here produced indicates the stabilizing influence exerted by the continuation school.

### UNEMPLOYMENT.

"From a study of the registers of the New Bedford Continuation School for the year 1923-1924 this was found:

Number of weeks of employment	56,890
Number of weeks of unemployment	2,990

Total	59,880
% time employed	95
% time unemployed	5

"Reports of the past have stated that 'working' children waste many months in unemployment, that in some groups fully a third of the time was spent in unemployment.

"The evidence above is offered, not as an argument for allowing boys and girls of this age to enter industry, but to show that part-time education has saved much time previously lost in unemployment.

### DELINQUENCY.

"We have been told that six times as many working children as school children become delinquent. It is interesting to note the following from a study of the records of the juvenile probation officer from September 1920 to September 1924:

Total number offenders 14 and 15 years of age	200
Number certified for work	52
Number in full-time school	148
% in employment	26

"As far as New Bedford is concerned there is nothing here to indicate that entrance into industry has contributed to delinquency.

## STANDPOINT OF THE CHILD.

"About four hundred pupils who were discharged from the New Bedford Continuation School from September 1, 1921 to September 1, 1922, were visited by the teachers in September, 1924.

"From opinions given by these former pupils and from information derived these visits furnished the following:—

"In 42½% of the cases part-time school education had resulted in economic gain.

"In 43.2% of the cases part-time school education had led to higher grade of employment.

"In 78.6% of the cases part-time school education had given training which resulted in better use of leisure time.

"In 83.6% of the cases part-time school education had succeeded in carrying on the refining influence of school.

"In 85% of the cases part-time school education had stimulated the minds of the pupils, broadened their interests and led to improved physical condition and personal appearance.

"52.4% of these boys and girls are in the same general type of employment as when in school.

"The attitude of 90% of these former pupils was favorable to the school. Their attitude was favorable largely because they preferred the continuation program of shop and home making work to an all academic program, because in many cases they were helped to secure better jobs and because of the teachers' interest in them outside of the classroom and shop."

## OBJECTIVES.

"When compulsory continuation schools were established in this State in 1920, the following objectives were set up:—

"1. To afford these minors an opportunity to continue their general education and become more intelligent citizens.

"2. To help these minors to get the most out of their immediate employment; to prevent drifting in industry; to save time lost through unemployment.

"3. To help these minors make more intelligent choice of occupation.

"4. To establish co-operative relations between employers and the schools.

"Most of the above facts are already familiar to you. I have reviewed them here to show that to some extent at least the continuation school has done the job it set out to do.

"In view of these objectives it would seem that the most urgent need in the girls' department is more room at the S. A. Howland School. This would allow the girls now in the basement of the Abraham Lincoln School not only to secure better housing but to avail themselves of courses which cannot be given to them under present conditions.

"About 65% of our boys and 50% of the girls are in the textile industry. 52.4% of the pupils discharged in 1921-22 are employed in the same general type of employment as when in school. This would indicate that in attempting to attain our objectives it were well to offer some training along textile lines. This has been mentioned in former reports and is referred to again that it may not be lost sight of.

"A more definite conception of industrial opportunities in this city is needed by the continuation school. To this end it is recommended that, beginning in the near future, the continuation school teachers spend some of their follow-up time in studying the type jobs which 14 to 16 year old workers hold and the opportunity ahead of them.

This should be done in co-operation with industry and with as little inconvenience as possible to the employer. This information when organized would help determine what could and should be done in connection with training for New Bedford's leading industry."

### AMERICANIZATION.

Miss Neves gives the following data and items of interest in her report of progress for the year.

New Bedford ranked second in the number of adult aliens who received instruction in English and Citizenship during the past year. Two thousand six hundred eighteen persons were enrolled in one hundred sixty-four classes.

Classes were held in school buildings, churches, clubs, mills, homes, social centers, at Sassaquin, and in the Public Library. Sixteen nationalities were represented. Seven hundred twenty-six were between the ages of twenty-one and twenty-five; eleven hundred seventy-nine were between twenty-five and thirty-five; seven hundred thirteen were over thirty-five.

Seventy-six different teachers were employed, forty-three being normal school graduates. "The number of teachers was decreased and the number of classes per teachers increased. The financial compensation of Americanization teachers is not great but if a teacher is employed from ten to twenty-four hours a week the money return is a consideration. Teachers learned that faithful, conscientious work had its own reward and the efficient teacher was given as many classes as she could carry successfully."

"National Education Week is a fitting time for any department to show those directly connected with the work and the public what is being accomplished. Consequently the Americanization classes took a very prominent part in the Educational Week Program. A most successful and inspiring mass meeting was held in the auditorium of the

High School. Old and new Americans filled the hall and listened to a splendid program presented by the members of our classes, their friends, public officials, and representatives of the American Legion. An exhibit of the work done by the pupils during the past year and of the wonderful handiwork made by these men and women enrolled in the Americanization classes was displayed at the New Bedford Public Library for an entire week. Over three thousand people visited this exhibit."

"In the number of new Americans reached in industry in Massachusetts and in the number of industries co-operating with the School Department in conducting classes, New Bedford ranks first. A prominent mill man said to me recently, 'The new hospital and the Americanization classes have done more to raise the morale of the employees of this mill than any other factor.'"

"The instruction of the foreign-born mother in English and citizenship is a vital factor in any Americanization program. The home class and the afternoon class provide a way for bringing a knowledge of America and its institutions to alien women who have few contacts with our social organizations. The home class is a most important type of Americanization class. Mothers who would never be reached are willing to spend two evenings or two afternoons in the home of a neighbor studying our language."

"Home classes and afternoon classes in the day school were opened in New Bedford for the first time last year. This field of work is almost untouched, but there are great possibilities for growth in both these types of classes. With more assistants the number of foreign-born women who would gladly avail themselves of the opportunity to study English could be greatly increased."

"The splendid achievements of the Americanization department for this past year have been made possible by the untiring efforts of the evening school principals and by the whole-hearted co-operation of New Bedford's splendid



corps of loyal, conscientious, Americanization teachers in 'carrying on' and in maintaining interest and good attendance. The splendid co-operation which industry has accorded, the sincere interest and help of the clergy, the sincere co-operation of public and semi-public organizations deserve special commendation."

### ART APPRECIATION.

"In submitting the report of the Department of Practical Arts for 1924 the supervisor wishes gratefully to acknowledge the granting of the part-time assistant recently added to the department. While still retaining a regular program of visits the supervisor by the additional assistance is given more freedom for the broader work of supervision through the grades. This means too a better distribution of the time of the assistant supervisors. It has also permitted the supervisor to undertake the class in Art Appreciation in the High School.

"In making programs school authorities are recognizing the importance of education in appreciation, the education of the consumer, if so we may speak, which is as necessary as that of the producer, since in the nature of things consumers must outnumber producers and a wise appreciator calls forth a better product. Much of the work hitherto done in the school has been in picture study which though important is but a part of the subject. Art Appreciation includes appreciation of beauty in our surroundings, good building, appropriate setting for the buildings, the making of a beautiful city, beauty in our homes, proper selection of articles of personal use, music, literature, sculpture, painting, the dance—the many things that express our aesthetic sense and feed the spirit. That the value of appealing to the aesthetic sense is being recognized commercially is shown in the beautiful advertisements which may be seen in magazines and other publications



and the skill and thought exercised not only in designing but in presenting attractively articles for the market."

"Last year there were constant calls from outside for posters in the interest of 'weeks'. We went into the business with great energy and decorated the shop windows with pictorial invitations to Visit Our Schools during Education Week, placed a large exhibition in the New Bedford Public Library for Book Week, illustrated Humane Week, made Dental Clinic and Health and Hygiene posters and in response to a request from the State Director of Art sent to Boston Accident Prevention Posters contributed from all grades. This year it was found wise to limit the product somewhat. When the request came from the Children's Department of the Public Library for Book Week we were able again to place an exhibit of book illustrations by the children, volunteer contributions from certain schools. During Education Week each school furnished a few posters for shop windows of its district and so with other subjects. We were able thus to show the schools' sympathy and interest in these educational activities with less expenditure of time and effort and a better balance with the outlined work of the year.

"School bazaars continue as popular as ever. The work brings returns in school spirit. Added to the pleasure of making things is that of working for the common cause and the school becomes richer in a fund for special material or projects. The school papers offer a field for those pupils who are interested in making cartoons and designing headings and covers. The school community with its varied activities affords an interest for everyone."

—Lucy Crosby Bedlow.

#### OUR GREATEST NEED.

The most pressing need of the department is additional school accommodations. Immediate steps should be taken to build the addition to the senior high school and three junior

high schools with a capacity of two thousand pupils each as recommended by Professor Inglis. I recommend the three building plan because I believe it will allow more effective administrative organization and more economical management.

The building of the three schools mentioned above would make available four rooms at the Jireh Swift School; eight rooms at the Abraham Lincoln School; seven rooms at the H. M. Knowlton School; four rooms at the Mt. Pleasant School; five rooms at the Parker Street School; five rooms at the Clarence A. Cook School; five rooms at the Allen F. Wood School; seven rooms at the R. C. Ingraham School; one room at the Wm. H. Taylor School; six rooms at the James B. Congdon School; three rooms at the Betsey B. Winslow School; four rooms at the Thomas R. Rodman School;—a total of fifty-nine rooms. This would make possible the elimination of forty shift classes and leave thirty-nine rooms for the relief of the overcrowded conditions throughout the city.

The above program would also make available the manual training rooms now in use by the boys of the sixth, seventh, and eighth grades. These rooms could be used to accommodate the mentally retarded pupils whom Dr. Fernald has recommended especially for hand work.

We are in need of additional rooms for special classes for the mentally retarded and for more kindergartens but we shall be unable to establish them under present conditions.

An elementary school building is needed at or near Phillips Road and the building at Plainville should be replaced by a larger structure in the near future. The rapid growth of the section north of Lund's Corner has overcrowded the Jireh Swift School and forced us to use every inch of space. Classes are regularly held in the lunch rooms. The barge which is used to transport the pupils of the upper grades from the Plainville district is already over-crowded and the only right way to relieve conditions

in that section of the city is to build a new and larger modern building at Plainville.

Modern, up to date buildings are decidedly helpful in creating the right atmosphere for good schools and I hope that we may in some way make it possible, in the near future, to provide a seat for each child in New Bedford.

Miss Stuart says, "Probably every thoughtful citizen of New Bedford could point out the chief needs of the schools at the present time—adequate accommodations. Kindergartens in every school building, workshop classes for over-age retarded pupils who have reached a point where they fail to profit by the work of the grades, sufficient classrooms to furnish all day attendance and a properly adjusted seat and desk for every child and a reduction in the size of the classes still found in crowded buildings,—these are our most important needs.

"Since the progress of an individual or of a community is dependent upon the standards, the intelligence, the achievements, and the habits of the individual citizen, we all recognize that no community can safely neglect the needs of the schools where these standards, powers, achievements, and habits are cultivated and developed and where the other influences of the child's environment which encourage this development are reinforced and supplemented."

#### REPAIRS AND IMPROVEMENTS.

The need of an entrance from Park Place to the Administration Building was never more apparent than at the present time. The matter should be referred to the City Council and an early solution of the question requested.

The playgrounds at the Lincoln and Taylor schools should be graded and made suitable for the children to use. All stones should be removed from the school playgrounds throughout the city or covered with screenings.

Hot water for cleaning purposes should be made available in every school building.

The latrines at the Donaghy, Congdon, and Knowlton buildings should be replaced by modern plumbing this year. This is in line with the policy of the department in gradually replacing the old and obsolete type of fixtures.

Several of our buildings have never been wired for electric lights. Mr. Ferguson recommends that the following schools be equipped during the coming year: Dartmouth Street, Thompson Street, H. A. Kempton, Clark Street, Cedar Street, I.W. Benjamin, and Harrington Memorial.

The property south of the Donaghy school and that north of the Thompson Street school should be purchased for school and community purposes. At present the buildings on these properties are old and the cost would be much less than after improvements have been made. I trust that this matter may receive your most earnest attention in the near future.

The department has never been granted an appropriation for repairs which would allow us to place all the buildings in our care in first class condition. Our estimate this year is conservative and should be granted in full.

High ideals of character were never more needed than now. Intelligence, industry, and integrity must rank with the three R's in consideration of the curriculum. Co-operation and friendliness must be established. Enthusiasm and sportsmanship should be displayed at all times. Children should be led to find happiness in service.

The general attitude of the public in New Bedford has always been favorable to progress. Parents are more and more taking a real interest in our activities and I am sure that if we capitalize this interest and take advantage of our opportunities we can make the coming year the best year in the history of the New Bedford Public Schools.

Respectfully submitted,

ALLEN P. KEITH.



# New Bedford Vocational School

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ANNUAL REPORT  
OF THE  
BOARD OF TRUSTEES  
FOR THE  
SCHOOL YEAR 1923-1924



NEW BEDFORD:  
NEW BEDFORD PRINTING CO., PRINTERS  
1925





# BOARD OF TRUSTEES

Edgar B. Hammond, Chairman

Edward R. Hathaway, Mayor

Edward F. Delaney, President Common Council

Caroline H. Wilson

Patrick Sweeney

David W. Beaman

William Ritchie

Dr. Anna W. Croacher

Frank S. Tripp

## ADVISORY BOARD

Boys' Dept. Day.

Power Dept.

George Walmsley

George Burgess

Fred Cowden

Auto Dept.

Gilbert Howard

William Downey

John S. Coy

Machine Dept.

Richard Russell

John G. Kennedy

George W. Valentine

Luke T. Keith

Frederick C. Waldron

Carp. Dept.

Charles L. Faunce

George J. Dodge

George Sistare

J. A. Sullivan

Elec. Dept.

Ernest Howarth

Roy T. Hawes

George Brown

A. H. Smith

Girls' Dept. Day.

Mrs. Frederick Allen

Josephine Stuart

Mrs. G. H. Sistare

Mrs. M. E. M. Duffy

Mrs. E. B. Robbins

Mrs. Mayhew Hitch

Evening School. Men.

George Sistare

George W. Valentine

Gilbert Howard

George Burgess

Roy T. Hawes

Evening Practical Arts

Mrs. A. L. Shockley

Mrs. W. H. B. Remington

Mrs. A. S. Allen

Flora Miller

Mrs. D. W. Beaman

## FACULTY

William R. Mackintosh, Director

Dorothy E. Burkle, Clerk

## Department Heads

H. Percy Arnold	Power Dept.
W. A. Pittendreigh	Machine and Auto Dept.
Arthur P. Whipple	Related Dept.
Charles A. Wilson	Carp. Dept.
Charles W. Donovan	Elec. Dept.
Mildred G. Horne	Household Arts

## Instructors

Charles A. Foley	Power
*John M. Baldwin	Power
*Benjamin B. Pease	Power
*S. Maker	Power
*E. T. Wilbur	Auto. Dept.
*Edmond Blaine	Auto. Dept.
Elmer H. Snyder	Auto. Dept.
Edward Conroy	Auto. Dept.
Peter Worsley	Auto. Dept.
Edward G. Taylor	Auto. Dept.
Thomas H. Mulvey	Machine
Herbert W. Moore	Machine
Herbert C. Leonard	Machine
E. Bowley Whipple	Related
Fred S. Baker	Related
Thomas F. Oldfield	Related
Francis S. Holt	Related
Harold Cowling	Carpenter Dept.
Lester A. Slocum	Carpenter Dept.
Everett H. Taber	Carpenter Dept.
Onslow C. Johnson	Electrical
William Quinlan	Electrical
Harold M. Cooper	Electrical
*Malcolm G. Coderre	Electrical
*J. Ovide Isabelle	Linotype
*James F. Murphy	Plumbing
*John C. Gorner	Sheet Metal
Gertrude C. Lowe	Cooking
A. Estelle Pulsifer	Cooking

Nellie F. Dunn	Sewing
Gertrude C. Clark	Sewing
Ethel K. Bruce	Sewing
Helen B. Knapp	Science, Mathematics
Julia M. Honey	Nursing
Alva Glidden	Design
Kathryn H. Dorgan	Millinery
Dorothy Smith	English, Civics
Ethel H. Lowrie	Clerk

\* EVENING INSTRUCTORS.

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### EVENING PRACTICAL ARTS

E. Marion Meek, Supervisor

Mary E. Furlong, Asst. Supervisor

Mary H. Grimshaw, Asst. Supervisor

Elizabeth M. Killigrew, Asst. Supervisor

Instructors

Dressmaking

Helen R. Almy	Blanche Baldwin
Estella Bateman	Margaret Chadwick
Nellie Cieurzo	Nora Dehoney
Annie Doyle	Katherine Duffy
Nellie F. Dunn	Mary Evans
Annie D. Feenan	Alvina Gray
Lucy Grundy	Jessie Hathaway
Mary E. Hughes	Helen Jennings
Annie Lynch	Elizabeth McAvoy
Marie Montminy	Kathryn Mulligan
Mary Murphy	Margaret Neenan
Violet Norton	Lottie C. Offley
Ellen Paton	Esther Poyerd
Nellie Quinn	Eva Richards
Margaret Ricketson	Lily Scowcroft
Rose Silveira	Mary Smith
Maude Stetson	Flora Stevenson
Anna Therien	Olga Zedilis

## Millinery

Alice Audette	Mildred Chapman
Lillian Browning	Edith Duerden
Frances Coggeshall	Helena Gleason
Anna Fahey	Blanche LaBrie
Malvina Isabelle	Eleana Martel
Albina Martel	Ida A. Messier
Emily Maynard	Blanche Seddon
Olinda Perry	Elizabeth Tessier
Margaret Storin	Marie Wall
Mary Toomey	Mary E. Yates
Sarah M. Ayer	

## Cooking

Gertrude Ames	Agnes Baldwin
Elizabeth Keyes	Angela Mullaney
Agnes Taber	Anna Wall

Home Nursing  
Dorothy Howland

Embroidery  
Edna Bateman

## CALENDAR 1925

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### Terms.

Fall term begins Sept. 3, 1924; ends Jan. 23, 1925.

Spring term begins Jan. 26, 1925; ends June 26, 1925.

Fall term begins Sept. 8, 1925; ends Jan. 29, 1926.

### Vacations.

Mid-winter vacation, one week, beginning Feb. 23, 1925.

Spring vacation, one week, beginning April 20, 1925.

Summer vacation, ten weeks, beginning June 29, 1925.

Christmas vacation, one week, beginning December 21, 1925.

### Holidays.

New Year's,	January 1
Good Friday,	April 10
Memorial Day,	May 30
Columbus Day,	October 12

From Wednesday noon before Thanksgiving the remainder of the week.

School Sessions: 8.30-4.15.

Evening Sessions: 7-9.



PER CENT OF STUDENTS ENTERING TRADE  
TRAINED FOR YEAR 1923-1924.

Left after 6 mos. or more training	Entered Trade trained for	Per Cent enter- ing trade
90	67	74.4

COMPARISON OF PUPILS.

	Day Pupils	Evening Pupils	Part time Pupils	Total
Attend. Dec. 1, 1923	230	2550	103	2883
Attend. Dec. 1, 1924	290	2410		2700

EVENING SCHOOL STATISTICS.

MEN		WOMEN	
Total Enrollment	494	Total Enrollment	2048
Average Membership	352	Average Membership	1722
Average Attendance	300	Average Attendance	1528
% Attendance	86.6	% Attendance	88.7

COMPARISON OF TEACHERS.

	Day	Evening	Part time	Total
December 1, 1923	32	99	2	133
December 1, 1924	32	99	1	132

# PERSONNEL OF SCHOOL ORCHESTRA 1923-1924

Joseph Homem, Leader

Earl Briggs	Charles Horton
Francis Thomson	Jonathan Chace
Franklin Gurney	Albert Richmond
Emile Dalbec	Joseph Gercic
Theodore Naja	William Geier
John Sowa	Alfred Kolasz
Howard Whipple	Charles Lesniak
Herbert Westgate	Normand Lamarche
George Lemos	Manuel Correia
Jerome Soule	Jennie Hodziewich
Irene Devine	Dorothy Smith
Olga Silva	

## DRAMATIC CLUB

President: Laura Avila

Mary McCarthy	Jennie Hodziewich
Graziella Robitaille	Ida Berry
Clementina Pawlak	Francis Thompson
Dorothy Woodbridge	Joseph Homem
Doris Nicholson	Oscar Findeisen
Dorothy Smith	Henry Hales
Beatrice Richard	Bernard Murphy
——— Lesniak	

## AVERAGE PER CENT. OF ATTENDANCE FOR DAY SCHOOLS, BY DEPARTMENTS.

For Year 1923-1924

Machine Department,	96.9
Drafting Department,	97.0
Power Department,	97.6
Automobile Department,	95.4
Carpentry Department,	96.0
Electrical Department,	97.4
Girls' Department,	88.0

COST OF SCHOOL FOR CITY FINANCIAL YEAR  
FROM DEC. 1, 1923, TO NOV. 30, 1924

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Rent,	\$4,800.00
New Equipment,	4,634.42
Administration,	3,916.68
Instruction,	103,466.45
Auxiliary Agencies,	314.35
Operation of Plant,	12,747.03
Upkeep of Plant,	8,290.70

Total,	\$138,169.63
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Cost to State,	\$52,440.63
Cost to City,	61,875.04
Income,	23,853.96

Total,	\$138,169.63
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Income

*Tuition,	\$14,435.61
**Smith-Hughes,	4,195.08
*School Cash,	5,223.27

Total,	\$23,853.96
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NOTE—State returns to City one-half of all expenditures after rent, new equipment, and income have been deducted.

\*This money is turned over to City Treasurer.

\*\*This money received from Federal Government, and must apply to teachers' salaries.

REVIEW OF SCHOOL YEAR 1923-1924

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The New Bedford Vocational School was established by City Ordinance during the year 1908. It was opened for day classes for boys in September of the following year. These classes were held in the old Hill Electric Building now occupied by the Weeden Mfg. Co. The courses offered were machine and carpentry with the related subjects pertaining to these trades. Charles R. Allen, at present Editor-in-Chief of the Federal Vocational publications at Washington, was Director of the school, and with five full time and two part time instructors formed the faculty. The students numbered about 50.

About 1910 day classes in sewing and millinery for girls were started in the City Mission Building. These classes were attended by about 20 pupils.

In 1911 the classes were moved to 30 Cannon street, the present location of the school. Courses in steam engineering and electricity were added at this time. In the girls' department cooking, design, art and kindred subjects relating to the home were added to the courses of study. The school continued to grow until this year when the peak number of boy pupils was reached, 166. In the girls' department this September there were 70, a drop of 30 from last year.

Since 1917 a very marked difference has been seen in the quality of the students who apply for admission. Before 1917 the number of grammar school graduates in the school was very few. At present a large percent of the students are grammar school graduates or better, that is, have had some high school training. Although grammar school graduates are preferred, students from lower grades are accepted whenever there is room, preference being given to graduates. A waiting list is kept and as vacancies occur in the different departments they are filled by pupils from this list.

At present the school offers to boys of this city and surrounding towns a complete and thorough training in the following trades: machinist, automobile mechanic, carpentry, electrical and steam engineering. Not only are

the boys given expert mechanical training in their chosen trade, but they also receive a complete course in all the mathematics, science and drawing connected with the trade as well as courses in English, civics and hygiene.

The mechanical end of the trade in each department is handled by men who are skilled in their trade. The related subjects such as drawing and mathematics are taught by men who are journeymen in their trade with a complete knowledge of the mathematics and drawing used in their trade. The English and civics courses are handled by an academic man, usually a college graduate.

During this past year a unit system was tried out in the related department. Each trade taught was analyzed to find out what mathematics and drawing were needed and lesson sheets based on these needs were gotten out. Under the unit system a boy can go as fast as he pleases. In order to complete the work in the required time he has to attain a certain speed. He is allowed to exceed this speed as much as possible. If a boy gets too far ahead, say in his mathematics, and is behind in shop or drawing he is given extra time in what he is behind in, in preference to continuing his mathematics. The unit system worked so well in the related department that it was installed in the machine, automobile and electrical departments. A copy of the layout of this system may be obtained at any time by applying at the main office.

It usually required four years to complete the work in any department, but under the unit system it is possible to finish in less time. It is all up to the boy as to the amount and kind of work he does. **Students are graduated on amount and grade of work done, not by the number of hours they attend school.**

The number of graduates from the school are comparatively small. This is due in a large measure to the way in which the work is laid out. For example, the first machine tool a boy operates in the machine department is a lathe. He is kept on the lathe until he has mastered all the different kinds of lathe work. This usually takes one year. During the second year he is put on other kinds of machines, such as the planer, miller, etc. He stays on each type of machine until he understands it thoroughly. He continues in this way until he has worked on all the machines in the shop. During his third and fourth years he is given work that entails the use of all the machines.



Now if a boy has to leave at the end of the first year he can obtain work as a lathe hand. Similar methods of instruction are carried out in the other departments. Boys are made to feel that if they must leave before their course is finished and they go to work in the trade they are training for, they can complete the work necessary for a diploma by attending evening classes which are conducted at the school for trade extension work.

To date the school has been very fortunate in obtaining for the students real live projects. No practice work is done in any of the departments with the exception of the electrical department. In this department during the first part of the course example problems are used. As soon as these are completed the boy goes on actual construction. This construction work is done in the school building and in public schools and other City buildings. The work done in these buildings varies from lighting one room to wiring the entire building. This outside work is inspected by City wire inspectors and usually passed without a fault being found. Besides instruction in house and factory wiring the pupils of this department are instructed in the care and operation of A. C. and D. C. motors and generators, transformers, batteries, telephones, magnetos, and mercury arc rectifiers. The pupils are also taught the use and construction of A. C. and D. C. voltmeters, ammeters and wattmeters.

The machine department manufactures a bench lathe, a bench drill, planer, drill and bench vises, wood turning lathe, and floor grinder, besides doing work for several mills and other concerns.

The work done in the automobile department is on school and outside cars. The work is usually a complete overhaul job on the engine or rear end or both. Late models of cars are only accepted from outside parties who agree to leave the car in the school for a certain length of time. In this way the pupils work on jobs similar to what is encountered in garage work. The method of instruction in this department varies somewhat from most automobile departments in that the pupil is taught by working on representative types of cars. For example, the first type taught is the Ford. The instruction on this type includes everything from changing tires to ignition. When a pupil finishes this type of car he is able to go into the trade as a Ford man. The work on Fords takes



about a year, depending on the pupil's mechanical ability. During the second year types such as the Overland, Chevrolet and Dodge are studied. Then comes the sliding valve type, trucks and sixes. In the fourth year eight cylinder types are worked on. In each type of car studied the pupil is given thorough instruction on all parts, such as the engine, cooling system, lubricating system, ignition, chassis and carburition.

The work in the carpentry department has consisted of making what was a carriage factory into what is now a school. Due to the fact that the school is constantly growing, new classrooms and workshops are constantly in demand, as well as the improvements and changes that are necessary to increase the efficiency of the different departments. This type of work is not confined entirely to the school building, as it is often necessary to make over the basements of the public school buildings to accommodate the Evening Practical Arts classes. From time to time additions have been built, one being a three-story frame structure to provide tool rooms for the carpenter and machine departments and a locker room for the carpenter boys. Another was a two-story addition to the power department. These and many similar projects provide a unique field for practical instruction in outside building. In the shop the furniture for the entire school is made, such as desks, cabinets, lockers, tables, etc. Through the making of these it is able to give thorough instruction in the use of the wood-working machinery the shop is equipped with. The very simplest to the most complex project is made for a definite purpose and use; except in the teaching of roof framing, when each boy is required to build to scale twelve roof models before he is allowed to graduate.

This school has the only day power department in the State. The pupils in this department do all the work connected with furnishing heat, light and power to the other departments, besides doing all the necessary steam fitting work in the school. The work in this department is carried on along the same lines as in any modern mill boiler room. It is possible to obtain a first class fireman's license before graduating. Due the type, kind and size of the equipment in the department it is impossible to secure a higher license before leaving the school. It is

interesting to note that the three power graduates last June held first class firemen's licenses.

Pupils' time in the school is divided into 70 % shop and 30 % related subjects.

The work in the related department is tied up with actual shop jobs, that is, not shop jobs from books, but jobs that are taking place in the school. The work covered in this department in mathematics and drawing is as follows:

Mathematics — cancellation, fractions, board measure, taper turning, ratio and proportion, square root, mensuration, shop geometry, shop algebra, direct current mathematics, shop formulas, shop trigonometry, alternating current mathematics, strength of materials, simple accounts, estimating, and percentage.

Drawing — freehand isometric sketching, freehand orthographic sketching, machine details, assembly drawing, elementary design, floor plans, house wiring plans, construction details, framing details, and advanced finished drawings for the different shops.

Students take only the subjects pertaining to the trade they are studying.

English — Elementary work in sentence construction, advancing steadily into shop reports and letter writing. Special attention is paid to description and expression.

Civics — takes up the different branches of the local, State and National Governments, together with current events.

Trade science and shop talks are given in the different departments by shop men, usually the department head.

The girls' department of the day school does not teach trades. This department is purely a homemaking department where everything pertaining to the home is taught. The regular course is four years, which fits a girl, provided she is a grammar school graduate, to continue her studies at Framingham Normal School, thus fitting herself to become a teacher in a homemaking department. Several of the graduates are at present doing very good work in Normal School and one has completed her Normal School training and is teaching in one of the State aided household departments.

The great handicap to all departments is the lack of room. Unless additional space is obtained it will be necessary to stop taking more pupils, especially in the boys' department.

Visitors are cordially invited to inspect the school at any time and a complete layout of all courses may be had by applying to the main office of the school.

Besides a thorough trade training the boys and girls are encouraged to participate in athletics. At present the school is represented by basketball and baseball teams. Some work has been done with tennis, soccer and track, but these sports have not really been established. Both the girls' and boys' basketball teams this year and past years have enjoyed a fair amount of success.

Boys that do not make the school teams are encouraged to play on their department teams. A regular schedule is drawn up and every day a twenty-minute game is staged between two of the departments. The interest of the instructors as well as the student body is very keen in this shop league. Each team has its own coach so that the boys are taught the correct way to play. The shop league is a feeder for the school teams.

All the coaching in the school is done by the faculty, who receive no extra remuneration for this work.

Baseball is on a par with basketball. A few years ago the baseball team at the end of school took a trip through Connecticut with good results. At least twice during the season the ball players take in the big leagues. This is good experience for the boys as it gives them a chance to see how the topnotchers perform.

This school belongs to the Massachusetts High School Athletic Association and therefore plays under the same rules regarding age and scholarship as the high schools.

During the year several dances and parties are held by the student body. These affairs are handled by student committees under the direction of a faculty member. The proceeds are used to defray the expenses of the athletic teams.

The school is also represented by an orchestra of 25 pieces, which plays for all school functions.



Every year the work done by the members of the Evening Practical Arts Department is exhibited at the State Armory. This year's exhibit was viewed by about 8000 people.

During last March the Administration Building took fire, and the second and third floors, where all the class rooms are, were completely gutted. The fire happened on a Friday, and the next Monday the school was operating as usual. The gym was converted into temporary class rooms where the work was carried on until the Administration Building was repaired.

This year saw the passing of the soldier students. Since May, 1919, this school has been training and helping men wounded in the World War to overcome their handicaps, and fit themselves to take their place in the various industries. The number of soldiers in the school at one time varied from three to fifty. For three years a special summer session was run for these men. A very large majority of the men trained are at present working in the trades trained for. A few of the ex-soldiers are attending evening trade extension classes.

This year the school co-operated with the State Rehabilitation Department in training men injured in industry.

One of the largest phases of the school's work, both in members and good work done, is the evening school work. For women, classes are conducted in cooking, sewing, millinery and home nursing. These classes, one hundred and thirty-eight in all, are held in nineteen different centers in the city. The number of pupils for this past year was two thousand forty-eight, with a percent attendance of eighty-eight and seven-tenths. For the first time the graduation exercises for this department were held in the High School auditorium. One hundred eighty-six students received diplomas.

The first work in vocational education in this city was in the form of trade extension classes in steam engineering. These classes were started in 1908 under the direction of Mr. C. R. Allen and Mr. H. P. Arnold, and were held in the old High School, which was located on the site of the present Cook Grammar School.

For men the evening work is in the form of trade extension. Twenty-eight different classes were conduct-

ed this year. The number of men in the classes was four hundred ninety-four, with an attendance of eighty-six and six-tenths percent. The school is open four nights a week. Each class meets twice a week for two hours each night. It is planned to give each man just what he thinks he needs to help him in his daily work. Classes were held in machine shop work, automobile work, house wiring, care and operation of A. C. and D. C. motors and generators, Code Rules, A. C. winding, carpentry work, roof framing, carpenter mathematics and drawing, machine mathematics and drawing, plumbing, sheet metal drafting, steam engineering, boiler room chemistry, and linotype operating.

## GRADUATING EXERCISES

The graduating exercises of the Evening Practical Arts Department were held in March in the High School Auditorium.

The exercises of the Day School were held on Wednesday, June 27, in the High School Auditorium. The programs of these exercises are as follows:

## GRADUATION EXERCISES

## Evening Practical Arts Department

## P R O G R A M

Music

Vocational School Orchestra

Prayer

Rev. William B. Geoghegan

Remarks

W. R. Mackintosh, Director

Address

Hon. W. H. B. Remington, Mayor

Music

Vocational School Orchestra

Address—"Education for Worthy Home Membership"

Miss Mary A. S. Mugan

Assistant Superintendent of Schools, Fall River, Mass.

Music

Vocational School Orchestra

Presentation of Diplomas

Mr. Edgar B. Hammond

Chairman of Board of Trustees

Music—"America"

Vocational School Orchestra

## LIST OF GRADUATES

## DRESSMAKING

Francelina Alfonse	Anna Cardoza	Grace DeMartin
Mary Andrade	Clara Chace	Harriet M. Doyle
Annie Avellar	Helen Colle	Katherine Duckworth
Ruth Bates	Adeline Correia	Veronica Fairclough
Ellen Benson	Flora Correia	Virginia Fernandes
Margaret Bettencourt	Mary Correia	Elizabeth Finch
Ethel Blechinger	Elsie Cropper	Katherine Foley
Ada Calnan	Katherine Crowley	Mary Fontes



Anna Garcia	Mary Mello	Mary C. Reynolds
Aldea Giguere	Bertha Middleton	Hester Riley
Madeline Greenwood	Lucille Moniz	Mary Ring
Yvonne Grennon	Yvonne Moquin	Ellen Roberts
Germaine Guerard	Helen Mullaney	Hannah Robinson
Annie Hancock	Martha Newman	Mary Roderick
Helen Higgins	Valeria Nickowal	Winifred Roe
Bertha Howarth	Anna Noszka	Emma Rogers
Alice Jenney	Mary O'Donnell	Lena H. Roman
Alicia Kelly	Lillian Park	Maria Roy
Florence Kershaw	Mary Parker	Loretta St. Martin
Annie King	Malvina Patnaude	Mary Salmon
Mabel Lambert	Emma Paul	Victoria Sanecka
Jennie LaPointe	Bertha Pland	Sophia Slater
Mary Latusek	Anna Polchlopek	Verona Slater
Annette LeBlanc	Helen Polchlopek	Helen Sylvia
Dorothy Levesque	Florence Powers	Sophie Sywick
Anna Machado	Esther Poyerd	Paula Vercammon
Doria Marcotte	Mary Rebello	Hannah Welch
Emily Marcotte	Ellen Regan	

## MILLINERY

Gertrude Ames	Rachel Dobson	Ada McNulty
A. Besse Backus	Alma Doyle	Flora Mello
Annie E. Barkley	Florence Dudley	Bessie Michaels
Matilda Bibeau	Lucy Earley	Margaret Moore
Margaret Blackledge	Mary Espinola	Margaret Murphy
Bertha Blanchard	Annie Fielding	Grace Nelson
Mary Borges	Florence Finch	Mary Ponte
Esther Boswell	Mary Flatley	Rose Rezendes
Mary Boudreau	Helen Francis	Alma Richards
Caroline Brightman	Louisa Gouette	Anna Roberts
Esther Brightman	Clemence Gentilhomme	Elizabeth Rogers
Mary G. Brown	Annie L. Gomes	Augusta B. Sampson
Rachel Brown	Margaret Gregory	Clara Sartoris
Florida Brunette	Alice Halliday	Beatrice Shelton
Grace Burdick	Minnie Harrington	Jennie N. Simpson
Anna Cawer	Albina Hart	Addie Slocum
Margaret Cayton	Beatrice Hayden	Ada Smethhurst
Emina Chase	Ella Hoxie	Clara Steele
Esther M. Cobb	Isabelle Joseph	Margaret J. Stubbs
Laura Collins	Delia Kendrick	Isabel Sylvia
Elizabeth Cooper	Christine Kinnery	Inez Teachman
Margaret A. Corr	Grace Lasell	Elsie Tripp
Mary Correia	Winifred Leary	Cora C. Warren
Annie Corey	Irene Lemos	Elizabeth Wilding
Lilly Cowell	Emma Levasseur	Bertha Wood
Floretta Daigle	Ceda Mandeville	Julia Wood
Emma Davis	Clarice Mathewson	Clarissa Woodbridge
Eva Devine	Susan C. McAlpine	Emma Yates

## COOKING

Antoinette Shkolnick

## HOME NURSING

Ruth Benton	Emma Frost	Annie Ryan
Cecile Boucher	Annie Griffen	Clara Shaw
Katherine Buckley	Mary Henry	Elizabeth Stewardson
Leona Cote	Julia Jenney	Clara Stratton
Cecelia Dion	Helen Jepson	Marie Ventura
Laura Eno	Elizabeth King	Ellen Welch
Emily Fay	Mary E. Mosher	

## DAY VOCATIONAL SCHOOL

## P R O G R A M

March—"Queen City"	Weidt
Prayer	Vocational School Orchestra
Address	Rev. William B. Geoghegan
	Hon. W. H. B. Remington, Mayor
Suite de Ballet—"Anthony and Cleopatra"	Gruenwald
	Vocational School Orchestra
Address to Senior Class	
	Mr. William R. Mackintosh
	Director
	New Bedford Vocational School
Duet—"Trumpet and Trombone"	Selected
	Messrs. Westgate and Sowa
Address	Rev. Leonard C. Harris
Selection—"The O'Brien Girl"	Hirsh
	Vocational School Orchestra
Address and Presentation of Diplomas	
	Mr. Edgar B. Hammond
	Chairman Board of Trustees, N. B. Vocational School
March—"Home Town Band"	Weidt
	Vocational School Orchestra
America	
	Audience and School

## GRADUATES HOUSEHOLD ARTS DEPARTMENT

### FOUR YEAR COURSE

Laura Othelia Avila	Mary Loretto McCarthy
Mary Graziella	Delia Robitaille

### TWO YEAR COURSE

Doris Hazel Hammond	Laura Thomas Clement
Lillian May Jackson	Avis Francena Chace
	Edna Parker

## CARPENTER DEPARTMENT

Charles Poulson Horton

## MACHINE DEPARTMENT

Timothy Edward Downey	Adrien Wilfred Fournier
Antone Francis	Frank Halma
Joseph Ottakar Dlouhy	Carlton Almeida Braga

## POWER DEPARTMENT

Charles Philip Nye	Frederick Francis Ewing
	Raymond White King

## DRAFTING DEPARTMENT

Oscar Ernest Findeisen

## ELECTRICAL DEPARTMENT

Louis Arnold King	William Albert Kolouch
Leo Joseph Grace	Francis Linwood Thomson
Earl Gilmore Briggs	Herbert Cushman Jennings

Of the 17 boys graduated in the class of 1924, two are working at machine drafting, five as machinists, three as first class firemen, five as electricians, and two are attending Wentworth Institute.

### Detailed Outline of Work Done in Power Department.

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The boys are divided into two sections, one of which operates the steam plant, and the other does the repair work. On the steam plant we have a chief engineer, two firemen (one on each boiler) one oiler and a clerk. These boys are changed each week so they all get a chance to learn the different parts of the job.

On the repair section there is a foreman appointed each week and the others act as helpers. All repair work is given to the foreman, and he picks the boys to do the different jobs and follows them up to see that the jobs are properly done. The duties of the chief engineer are the same as they would be in any steam plant. He has a general oversight of the whole plant, keeps a record of all coal, oil, water, and all other supplies used on the plant, and makes out a daily report and also a weekly report; and each month these weekly reports are transferred to a monthly report\* so the chief engineer can tell how much coal, oil, water, or other supplies were used for any one day, week or month, by looking over the reports on file.

The firemen look out for the boilers, each one looks after his own fire, also sees that the water is kept at the proper level and the steam pressure at the proper point. Twice each day he tries the gauges on the water column and blows the water column out to be sure it is clear. The firemen also have to look after the pumps and keep them in good running order.

The oiler looks after two engines, one runs the machine shop and the other is direct connected to a generator that is used for lighting; he keeps the oil cups filled and sees that the bearings are kept cool and everything about the engines is kept clean and free from grit and dust. He also takes volt and ampere readings every 15 minutes.

The repair section looks after all steam, water and gas pipes all through the school, and takes care of any changes or repairs in connection with the heating plant or any other piping directly connected with the plant.

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\*See Page 25 and Insert.

There is classwork in steam about one hour each day for all the boys; this is given in the department. There is also classwork in steam for the advanced boys one and a half hours two days a week; this is given in the department. All the boys have class in the related department two half-days a week, this work covers mathematics, drawing, English and civics.



# WEEKLY REPORT — POWER DEPARTMENT.

Cost Sheet No. 1.

Week Ending 8 a. m., January 9, 1925.

BOILER AND ENGINE ROOM		Total	Cost	Total	Hours	Outside Temperature	
						MAXIMUM	MINIMUM
1	Water Meter reads	16,819				40	50
2	Water Meter last report	14,837				52	40
3	Cubic feet water used		2.23	1,982	49½	50	44
4	No. 1 Engine run				48	37	32
5	No. 2 Engine run				85	50	30
6	Heat on					50	30
7	Engine oil		1.20	10 qts.		46	26
8	Cylinder oil		1.92	11 qts.		46.42	33.46
9	Kerosene oil					Remarks	
10	Soap Powder					Machine Shop.	
11	Waste		3.90	13 lbs.		Received 45 lbs. Coal.	
12	Supplies, Miscellaneous		.70	*			
13	Coal last report	38,701					
14	Coal received	101,970					
15	Total coal			140,671			
16	Coal burned	26,600	84.46				
17	Coal on hand			114,026			
18	Pounds of ashes	2,504					
19	Per cent. ash	9.4%					
20	Av. Temp. of Atmosphere 8 a. m.	39.95					
21	Total cost				94.41		
22	K. W. Hours	515.00					
23	Average K. W. Hours	103.00					
24	Water evaporated per pound of Coal	4.66			O. K.		

\* 1 Package Gold Dust; 1 Package Washing Powder.



## Outline of Courses in Household Arts Department

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The courses given in the Household Arts Department are essentially for training in homemaking, but it is also the aim to give the girls some foundation for managerial work, such as tea room work, managing housekeepers' work, running a home bakery, or doing work in millinery and sewing for private parties or in stores.

### Cooking

The aim of the cooking course is to teach the principles of cookery and the practical application which may be worked out in the girl's home as well as in the school kitchen.

Since all of the food prepared is served at the noon-day luncheon at school, the girls exercise great care, thereby developing self-confidence and a keen sense of responsibility.

In addition to this each girl is required to prepare and serve special luncheons to four people, doing all the buying and planning as well.

A thorough study of foods and food values is taken up during the first three years, and during a part of the second year and all the fourth year a course in dietetics is given.

### Sewing

During the first year the girls are taught the use and care of a sewing machine and its attachments, and the use of paper patterns. The girls are also taught to measure each other for the patterns and to cut and make simple garments.

In the second, third and fourth years more advanced work on cotton material is taken up, and wool and silk material is also used. Special attention is given to hand work and renovation problems. The use of the power machine is taught.

Closely associated with the sewing course is the study of textiles. This includes the history and manufacture of different clothing materials, such as cotton, silk and wool, a knowledge of which enables the girls to select and buy cloth intelligently and economically.

## DAILY LOG

## MONTHLY REPORT—POWER DEPARTMENT

MONTH ENDING, DECEMBER 31, 1924

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
Day Lbs Coal	1200	1200	1200	1200	1400			1200	1000	1200	1200	1000			1200	1000	1000	1000	1200		400	1000							1200	1200	1200	22,200	
Day Lbs Coal	600	1200	1000	1000	800			1200	600	1200	1000	1000			800	1000	600	800	1000				400				400		800	1200	1200	17,000	
Night Lbs Coal	800	800	800	1200	200		1400	800	1000	1000	1000			600	1000	800	1000	600	1400	3200	3200	800	600			400		600	800	600	1400	25,600	
Night Lbs Coal	3000	2000	2200	3000			600	1200	1200	2800	2400	1600	1000	3200	2000	1400	1400	1200			200	3000	2000			3200	3200	3200	3200	1400		46,000	
Coal	5600	5200	5200	6400	2400		2000	4400	3800	6800	5600	3600	1000	3800	5000	4200	4000	3600	3600	3200	3800	4500	3000		3200	3200	2600	3200	4200	6000	4400	8800	
Day Lbs Ashes	85	120	115	115	210			115	90	70	144				115	100	110	150	160										130	135	125	1,438	
Day Lbs Ashes		80	120	180					110	70	75	85			70	100	80	115	20											180	135	105	2,104
Night Lbs Ashes	196	300	150	222			170	143	184	208	120	220			109	193	127	126	172	325	486	95		236			208	174	121	209	163	4,391	
Night Lbs Ashes	320	350	260	370	210		65	139	115	227	218	193	130	310	186	135	98	184				191	154			209	281	208	134	272	163	5,122	
Ashes	601	850	645	827	420		235	387	499	575	557	498	130	310	480	528	415	578	352	325	486	286	154			209	281	208	308	703	642	370	13,105
Water Day	167	182	115	227	165			188	220	232	214	250		20	215	239	190	140	278		20	34	29					26	193	123	193	3,660	
Water Night	198	194	148	245		20	82	167	201	107	114	193	81	93	144	232	140	190	114		106	103	111	163			91	93	198	168	123	4,048	
Feet Water	365	376	263	472	165	20	82	355	421	339	328	443	81	113	359	471	330	390	392	106	125	145	192				91	119	391	391	316	7,708	
Feet of Feed Water	205	210	201	208	208			209	201	201	207	202			202	203	204	205															199
No. 1 Engine	1	2	1	2	1			2	1	1		1			1	2	1	1	1			1	1						1	1	2	0	
No. 2 Engine	1	2	1	2	1			1	1	1	2	1			1	1	1	1	1										2	1	1	13	
No. 1 Engine	1	2	1	2	1			1	1	1		1			1	2	1	1	1										1	1	1	14	
No. 2 Engine	1	2	1	2	1			1	1	1		1			1	2	1	1	1										1	1	1	14	
Engine Ran	9½	9½	9½	10	7			9½	9½	9½	10½	7½			9½	9½	9½	7½	7½										9½	9½	8	800 hrs	
Engine Ran	10	9	10	10	¾			10	10	10	9	8			10	10	10	1½	8										10	10	8	158½ hrs	
Engines No. 2 Engine	105.22	79.18	105.22	121.45	8.62			78.96	106.15	103.96	91.55	85.79			108.61	107.68	105.66	41.52	95.48										85.04	101.92	75.53	1649.44	
Day	8	6	6½	8	8			6	9½	7½	8¾	7½	8		8	6½	6½	8	4½											8	6	8	138¾
Night	16	8	8½	12	9		5	5½	7½	10	4½	7	4½	14½	11	7½	4½	4½	6½	13	14½	15	7							16	7	8	214
Outside Temp. 8 A.M	48	54	64	48	62	52	54	66	66	64	58	50	48	46	42	54	72	50	52	40	22	32	40		50	44	42	38	48	68	42	49	
Outside Temp. 8 A.M	48	54	64	48	62	52	54	66	66	64	58	50	48	46	42	54	72	50	52	40	22	32	40		50	44	42	38	48	68	42	49	
Avg. temp. for 24 hours	56	43	59	40	45	46	50	59	59	49	43	40	40	36	35	44	52	47	42	23	17	25	29		39	31	29	27	24	30	48	32	39
Received																																	
Cost		1	1	2	2		1	2	2	1	2	1 lb			2	1	1	1				1								2	2	1	26 lb
Cost		2 gal																															2 gal
Water Used																																	
Used			5 gal		1 pk										1 pk													1 pk					3 pks
Gaskets																											4						4 Gaskets
Cost Coal	\$17.78	\$16.51	\$16.52	\$20.32	\$7.62		\$6.35	\$13.97	\$12.07	\$19.69	\$17.78	\$11.43	\$3.18	\$12.07	\$15.87	\$13.34	\$12.70	\$11.44	\$11.44	\$10.16	\$12.07	\$15.25	\$9.53			\$10.16	\$11.43	\$8.26	\$13.33	\$19.05	\$13.97	\$12.06	\$375.35
Cost Water	.41	.41	.30	.54	.19	\$ .02	.09	.40	.45	.58	.39	.50	.09	.10	.40	.12	.57	.37	.41	.12	.14	.17	.21			.26	.17	.10	.12	.42	.42	.36	\$8.84
Cost Engine Oil	.12	.48	.36	.12	.36		.36	.12	.24	.36	.12	.16			.12	.12	.12	.12	.12			.12	.12							.12	.24		\$1.04
Cost Cylinder Oil			.48	.32	.16		.32	.32	.16		.16	.16			.16	.16	.48	.16		.21						.21				.42	.21		\$4.14
Cost Waste Used		.30	.30	.60	.60		.30	.60	.60	.30	.60	.30			.60	.30	.30	.30				.30	.30							.60	.60	.30	\$8.10
Cost		3.50																															\$3.50
Cost															.35													.35					\$1.05
Cost Gasket handhole			.90																									.60					.60
Cost Waste																																	
Cost Engine Cost										\$8.50																							\$8.50
Cost per Day	\$18.52	\$21.20	\$18.62	\$22.14	\$9.40	\$ .02	\$6.74	\$15.65	\$22.09	\$20.77	\$18.77	\$12.39	\$3.27	\$12.52	\$17.15	\$14.45	\$13.85	\$12.27	\$11.85	\$10.49	\$12.21	\$15.84	\$10.16			\$10.42	\$11.81	\$9.31	\$13.45	\$20.61	\$15.44	\$12.72	\$413.84



The care of clothing and clothing budgets are emphasized in connection with the dressmaking.

### Millinery

#### Theory:

- History of millinery.
- Advantages of a milliner.
- Study of frames.
- Fitting the head.

#### Practical work:

- Renovation of winter hats, frames and materials.
- Making velvet hats and trimmings.
- Renovation of spring hats.
- Making straw hats and trimmings, including ribbon and crepe facings.

#### Second, Third and Fourth Year.

The same course is followed as in the first year but more advanced work is done. Hats of fabric, satin and fur are made.

During the fourth year, the girls are required to carry on their millinery work as it is done in the shops.

There is a girl in charge, assisted by one or two "trimmers." These are assisted by the rest of the class acting as "makers."

One girl is appointed "stock girl" to take care of all stock and to measure all the material needed for the work room.

### Design

The work done in the design classes consists of studying and applying the fundamental principles of art to every day life. This course correlates with the work done in the dressmaking, millinery and domestic science classes and seeks to cultivate good taste and appreciation of beauty, whether the problem be the designing of a dress, the remodelling of a hat or the furnishing of a room.

In the costume design special attention is paid to the lines of the figure, appropriateness of the costume, and harmony of color.

A study is made of house planning, embracing many phases of interior decoration, from the study of backgrounds to the details of furnishings and decorations.

Posters drawn by the girls advertise the work of



the school and illustrate the activities of the community (viz., baby clinic, Y. W. C. A., mill, church, health, etc.).

Special awards of ten and five dollars were made by the New Bedford Standard for the best Christmas cards designed by the girls.

### **Household Management**

This course includes the theory and practice of every process connected with housework. Planning and construction of houses are studied with the idea in mind of convenience, labor-saving and saving of steps for the housekeeper. Much attention is given to the planning of the kitchen and selection of practical equipment. Labor saving devices are studied, as to their practical and economic value.

A part of the time during the second year is given to the planning and keeping the personal budget and after that, the family budget.

### **Household Science**

The purpose of this course is to lay a foundation for an intelligent and economic care of the home. It includes a study of the various principles and laws of physics and their applications to the facilities and conveniences of the modern household.

The physics of the kitchen range, heating and ventilating systems, simple machines, thermometers, refrigeration, lamps, etc., are considered. It also includes the study of water supply, plumbing and disposal of sewage. A study of the common elements is made as a foundation for the study of foods and of chemical changes that occur in the every day experience of the home maker. A brief study is made of bacteria, yeasts and molds in order that the student may understand the precaution in procuring food from the market, the care to be taken in preparing and preserving foods in the home and the value of certain organisms in ripening and giving flavor to foods.

### **Home Nursing and Hygiene.**

The aim of this course is to teach the girl to keep her body in the most healthful condition and to enable her to give intelligent general care to the sick in her home.

The room in which this work is given is equipped like a home bedroom. A large hospital doll and two baby

dolls, three months and one year sizes, are used in the practical work.

The course includes bed making, bed baths, prevention of bed sores, diets in illness, hygiene of the sick room, especially in contagious diseases, taking of temperature, pulse, respiration, symptoms of disease, chronic and acute, especially contagious and children's diseases, poulticing, administration of medicine, of enemata. Special attention is given to infant and child care. Bathing, dressing, feeding, care of bottles, also the balanced diet for the older child. Some work in bandaging and first aid is also given in this course.

### English

The course in English includes a brief survey of English and American literature with emphasis on the historical backgrounds, selections from one author for each period, a criticism of his works and the place it occupies in literature and brief synopsis of his life. This is kept in notebook form and library reference work is demanded.

Reports upon the outside reading of twenty library books from a prescribed list are expected.

A careful study of many standard English works,—prose, poetry, essay, drama and exposition, selected from the college entrance requirement list, is made and a brief study of some of the best modern short stories, novels or poems. Opportunity for drill in grammar, punctuation and sentence construction is offered through the written work on the books studied and through letter writing.

The course in literature includes an intimate knowledge of four Shakespearean dramas and a slight acquaintance with several modern plays (viz., *Monsieur Beaucaire*, *The Doll's House*, etc.). Mechanism of the drama is studied with a view to later writing and staging a play. Each year a graduation play is given by the upper class — the girls designing and making the stage settings and costumes and the boys constructing the stage and producing the lighting effects.

The students are taught how to use the public library and are expected to be able to collect data and find material.



The aim of the course is the cultivation of clear, forceful, correct English, both oral and written, and an appreciation of the best in literature.

The English home project is a problem centering upon selection of books for a family library and involves within a narrow choice the study and selection of reference books, text books, technical books for home crafts, arts and sciences, and technical books dealing with the trade or profession of the working members of the family, besides fiction, poetry, history, biography, science and children's books.

Consideration will be given to price, print, paper, illustrations, and it is expected that the student will become acquainted with the characteristics and product of the various publishers.

Much study will be made of local book stores, of the public library, and of current book reviews, and the development of critical judgment as to practical value, art value or cultural value of one book compared with the other is the aim.

### **Civics.**

The first year classes in civics take up the study of city conditions in general and New Bedford in particular. The history of the city is studied and later girls are led to think of the modern problems which present themselves. Discussion is encouraged and suggestions for betterment are brought forward and talked over.

The second year girls continue along these lines, noting the growth of the cities and discussing the causes. Particularly do they notice that through co-operation and community spirit many changes for good have been brought about — in fact that the helpful spirit is necessary in everything, successful school life as well.

They also take up the State and National Government.

### **Home Project Work.**

The Home Project Work which is carried on in connection with this department had added both interest and enthusiasm to the carrying over into the home the principles and processes taught at school.

Each girl remains at home one-half day each week, at which time the teacher having charge of this work may visit the home and supervise the cutting of a garment, the preparation of a meal or general housework, which-

ever one has been chosen for the girl's special duty. All the projects are assigned, after a conference with the girl's mother as to what the needs of the home are for that particular day. Each teacher supervises her own projects.

Many of our girls do work at home other than that assigned by the teacher. The record of this is kept by the pupil, signed by the mother and sent to the school, where credit is given the girl for the work.

The aim of the Home Project Work is to develop initiative in her own home problems on the part of the pupil and to encourage co-operation on the part of the parent.

### **Physical Training**

The object of the Physical Training Department is to teach control of bodily movements, improve the functional activity of the body and counteract and correct tendencies to abnormal development, especially those resulting from daily habits, by means of a proper selection of exercises, dances and games.

Attention is given cases needing special corrective exercises for extreme postural defects.

Military marching and tactics are included in each lesson, developing the power of concentration and instant response to command. Folk dances are given to develop grace and ease. Games developing fairness of play, good judgment and team work are also included in the course.

Good health and strength are essential to happiness. With this in view, the course in physical training is planned.

In addition to these subjects mathematics, history, geography, physiology, dietetics and laundry are also included in the curriculum.

### **Evening Practical Arts Dept.**

From year to year the enrollment in this department increases somewhat; this year a total of about two thousand three hundred women registered for all the classes. Registration was taken in September and again in January when vacancies were filled and a few new classes formed. Nineteen buildings are being used to accommo-

date this number and seventy-one teachers and four supervisors are employed.

Free instruction is given in four lines of work: dressmaking, millinery, cookery, home nursing. These courses are open to all women who are sixteen years of age or over. The expense of these courses is borne jointly by the city and state. The pupils in the sewing and millinery classes bring their own materials, while the cost of the raw materials in the cookery classes is divided among the pupils.

Regular outlines of work, approved by the state, are followed in all courses except the home nursing, which uses the Red Cross outline.

During the last two years afternoon classes have been much in demand; these classes meet only once each week for three and one-half hours, while the evening classes meet only once each week for two hours each. Each class continues for twenty consecutive weeks, making a total of seventy hours for the afternoon classes and eighty hours for the evening classes. Afternoon classes are conducted in dressmaking and millinery only, as suitable rooms for cooking and home nursing are not available afternoons.

An exhibition is held each year at the State Armory. Here about one thousand garments and seven hundred hats are exhibited. The cookery classes have an attractive display of bread, cakes, cookies, salads and candy; also an invalid's tray and a dining table all set up with an appetizing meal are features of the exhibit.

A regular room is made by the use of screens for the home nursing classes. A hospital bed is included in the equipment. A year old size doll and an adult size doll are used in this work. At the exhibition during the evening continuous demonstrations of bed making, care of patient, bandaging, etc., are carried on.

Certificates are awarded to pupils completing satisfactorily three years work in dressmaking, millinery and cooking. Red Cross certificates are given to pupils completing the prescribed course in home nursing.

ANNUAL REPORT

OF THE

SUPERINTENDENT OF STREETS

OF THE

CITY OF NEW BEDFORD, MASS.

TO THE

CITY COUNCIL

FOR THE YEAR ENDING NOV. 30, 1924.



NEW BEDFORD, MASS.  
THE UNIVERSAL PRESS—PRINTERS  
1925,

*In Memoriam*

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HORACE BORDEN

1872 - 1924

Asst. Supt.     -     1901 - 1922

Superintendent     1922 - 1924



## Report of the Superintendent

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To the Honorable Mayor and City Council ,  
New Bedford, Mass.

Gentlemen:

The Annual Report of the work of the Street Department including sewers and bridges for the year ending Nov. 30, 1924 is herewith submitted.

Respectfully,

Superintendent.



## NEW BEDFORD—1924

### GENERAL STATISTICS

---

Population, assessors estimate 135,377.

Valuation, assessors estimate \$217,646,125.

Area, about 19.4 sq miles.

Accepted streets, 203.97 miles.

Bridges—New Bedford and Fairhaven Bridge, 70 ft. wide and 9/10 mile long; 4/5 maintained by New Bedford. Slocum Street Bridge, 1/2 maintained by New Bedford. Coggeshall street bridge, 3/4 maintained by New Bedford.

10.949 miles granite block pavement,  
area, 173,053 sq. yds.

0.82 miles wood block pavement,  
area, 21,511 sq. yds.

0.34 miles brick pavement, area, 16,986 sq. yds.

54.649 miles bituminous macadam pavement,  
area, 714,426 sq. yds.

50.375 miles water bound macadam pavement,  
area, 585,885 sq. yds.

45.277 miles bitulithic and similar pavement,  
area, 760,421 sq. yds.

0.329 miles cobble pavement, area, 1,703 sq. yds.

Concrete paving in alleys and track spaces,  
area, 14,520 sq. yds.

180.304 miles stone curbing,

57.671 miles granolithic walks,  
area, 250,597.3 sq. yds.

30.286 miles tar concrete walks,  
area, 129,302. sq. yds.

27.871 miles flag walks, area, 80,520.5 sq. yds.

#### SEWERS

172.91 miles of sewers.

Cost of sewer system to date (including interceptor)  
\$4,710,121.48.

2,108 catch basins.

932 inlets and eyeholes.

## APPROPRIATION AND EXPENDITURES

YEAR 1924.

	Appropriation	Net Expenditures
Highways and Streets	\$500,000.00	\$500,765.63
Highway Improvement—Construction	466,480.09	466,331.90
Highway Improvement—Land Damages	286,220.50	61,757.41
Macadam	292,938.56	291,778.84
Sewers and Drains	55,000.00	47,695.08
Bridges	33,000.00	32,295.07
Catch Basins	20,151.56	20,085.56
Sewer Construction	226,659.56	180,894.73
	<hr/>	<hr/>
	\$1,880,450.27	\$1,601,604.22



**Highways and Streets  
Accounts**

## RECAPITULATION—HIGHWAYS AND STREETS.

## GROSS EXPENDITURES.

Ashing—Collection	Levelling Dump	\$125,412.82
Accident		15,076.75
Automobiles		14,378.90
Trucks		37,590.88
Road Machinery on Trucks		15,334.58
Garage		19,300.89
Buildings Repaired		2,120.38
Repairs to:		

Fences	\$ 320.24
Brick pavement repaired	58.16
Crosswalks	9.75
Curbing relaid	9,003.98
Concrete tar walks repaired	1,474.40
Cement concrete	11.28
Dirt roads repaired	14.50
Driveways repaired	521.21
Filling holes and washouts	18,713.94
Flag sidewalks	4,458.62
Granolithic walks repaired	927.85
Gutters repaired	5,931.11
Macadam repaired (waterbound)	18,115.69
Macadam repaired (penetration)	42,864.51
Sealcoating	5,231.67
Bitulithic pavement repaired	15,642.23
Cobble, granite and wood block	
pavement repaired	2,246.55
Filling and grading	5,891.66
Miscellaneous	9,070.32

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\$140,507.67

## Equipment:

1 Barber-Greene Mechanical Loader	\$7,250.00
4 Champion Snow Plows	1,292.06
1 Hauch Burner	150.00
2 Ingersoll-Rand Air Compressor	
and Paving Breakers	5,593.54
1 Broncho Special Concrete Mixer	221.50
1 Edson No. 3 Motor Driven Pump	196.00

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\$14,703.10

Heating and lighting	2,124.66
Pension	1,884.14
Street signs	4,446.07
Parking and traffic signs	2,386.37
Removing snow and ice	18,076.81
Yard and main office salaries	22,506.13
Walks, cinder and gravel	33,227.06

## STREET DEPARTMENT

9 v

## GROSS EXPENDITURES—Continued

Street cleaning:		
Hand broom sweeping	\$ 68,264.22	
Elgin sweeper	4,573.69	
Gutter cleaning	41,180.48	
Pick up truck	2,412.27	
Ford coupe	1,040.65	
	<hr/>	\$117,471.31
Tools, new and repaired	16,054.44	
Repairs to road machinery	13,136.30	
Stable alterations	5,205.22	
Railroad crossing	58.40	
Sprinkling streets	172.00	
Stable yard	3,360.08	
Bulkhead	1,070.34	
Moving stock to Smith Street Yard	1,179.00	
Gravel lot North Street	2,927.27	
Storm damage	9,902.25	
Retaining walls repaired	73.46	
	<hr/>	\$53,138.76
Charges:		
Labor, stock and transfers		212,954.50
		<hr/>
		\$852,641.78
	CR.	
Appropriations .....		\$500,000.00
Receipts .....		351,876.15
		<hr/>
		\$851,876.15
Expended		852,641.78
		<hr/>
	Dr.....\$	765.63



## STREETS LAID AND ACCEPTED IN 1924

Street	Location	Date	Length & Width in feet	
			30	50
Brightman Ct. Oliver St.	Belleville Rd. northerly Lynn to 150' N. of Holyoke	June 27, 1924 April 25, 1924	201.38	890.98
Total .....			201.38	890.98
Total increase for year, 1092.36 ft. — 0.207 miles				

## WIDENING AND ALTERATION OF LINES

Street	Location	Date	Description
Acushnet Ave. Acushnet Ave. Acushnet Ave. Cove Road Cove Road Irvington Parker Pleasant Spring Union Union	N. E. Cor. Duncan N. E. Cor. Hadley N. E. Cor. Ingraham S. W. Cor. Rodney French Blvd. N. W. Cor. Rodney French Blvd. Ashley Blvd. westerly Liberty to Rockdale Ave. Spring St. southerly Pleasant to Sixth Sixth to Seventh County to Orchard	Sept. 12, 1924 Sept. 12, 1924 Sept. 12, 1924 Sept. 12, 1924 Sept. 12, 1924 March 28, 1924 Sept. 12, 1924 Jan. 11, 1924 Jan. 11, 1924 Feb. 15, 1924 June 27, 1924	Corner cut off Corner cut off Corner cut off Corner cut off Corner cut off Widened on north side Widened 10' south side Widened 9' west side Widened 10' south side Widened 14' south side Widened 14' south side

## WIDENING DISCONTINUED—1924.

Street	Location	Date	Description
Irvington	Ashley Blvd. westerly	June 27, 1924	Widening on north side

## CHANGE OF GRADE — 1924

Street	Location	Date
Alfred	Brooklawn to Wood	June 27, 1924
Carney	Maxfield to Smith	June 27, 1924
Clifford	Brook St. easterly 340 feet	June 27, 1924
Flags	Maxfield to Smith	Jan. 11, 1924
Grape	Rockdale Ave. easterly 287 feet	June 27, 1924
Lindsey	Maxfield to Smith	June 27, 1924
Roy	Brooklawn to Wood	June 27, 1924
Shaw	Brook to Church	June 27, 1924
Smith	Liberty to Hunter	June 27, 1924

# RELOCATION OF STREET LINES

Street	Location	Entries Made	Cost
Allen Acushnet Ave.	Corner Page S. W. cor. Tarklin Hill Rd.	Walter H. Paige et ali. ) Chas. F. Chase )	\$ 147.11
Acushnet Ave. Acushnet Ave.	E. S., S. Belleville Rd. W. S., S. Lund's Corner	Standard Oil Co. Walter H. Paige Chas. F. Chase	3.00 3.59 1.79 1.79
New Bedford & Fairhaven Bridge Approach County County County Cove Rd. Mt. Pleasant	N. E. cor. Cedar Grove S. W. and N. W. cor. Court N. W. cor. Arnold S. E., S. W. and N. W. cor. Rodney French Blvd. E. S., Buchanan to Hathaway Rd.	Heirs Ellen Fahey-Wm. Thompson	7863.74 61.48 55.93 29.75 135.90
Rockdale Ave. Rockdale Ave. Rodney French Blvd.	Kempton to Rogers South of Allen S. E. cor. Brock Ave.	W. E. Cornell Wm. Reed Beacon Mfg. Co. City of New Bedford land Chas. F. Brownell Wm. V. Fredette Jos. A. Pothier Mary E. Smith Jos. F. Gee	551.82 1119.02 435.45 281.40

# RELOCATION OF STREET LINES—Continued

Street	Location	Entries Made	Cost
Shawmut Ave.	Hathaway Rd. to Plainville Rd.	<p>Owner of Plot 15 unknown  Walter R. Mitchell and  Robert Mitchell  John T. Morey, et ali.  James G. Rainville, mtgee.  Manuel Costa, et ali.  Wicenty Mieczewski  C. Welder Shurtleff, tr.  Jos. Watesich  Frank A. Snell  John W. Cambra  Sarah A. B. Ashworth  Bertha L. Moore  Frank Jozonski  Jow Polocz  Patrick White  City of New Bedford  Claudia Demers  Sarah E. Knott  Jacob Genensky, Rosaire Demers,  Claudia Demers &amp; Sarah E. Knott  Clark W. Holcomb  Nehemiah Dawson, George B.  Goodman, mtgee, et ali.  Jos. Matesich, Adelard Millette,  mtgee.  Fred Millette, mtgee.  Jos. E. Rainville</p>	1339.57

# RELOCATION OF STREET LINES—Continued

Street	Location	Entries Made	Cost
Spring St.	Pleasant to Sixth	Chas. Wellington, et ali. Manuel G. Costa, et ali. Wm. R. West, et ali. Andrew F. Mitchell Antone C. Sylvia Atlantic Refining Co. Old Colony Railroad Co. Deborah A. McCormick New Bedford Y. W. C. A. Gaston McF. Stephen, L. L. Winston B. Stephen, Life Lease New Bedford Y. W. C. A. Wamsutta Club Maurice Finkelstein Jacob Minkin Oscar Storer, mtgee. <b>Sidney Bogorad</b> Institution of Savings mtgee. Jules Rustizky Samuel T. Lee, <b>mtgee.</b> Morris Handler Co. George S. Taber, lessee N. B. Safe Dep. & Trust Co. mtgee. Fred W. Andrews, mtgee. Katherine E. Powers, et ali. N. B. Five Cents Savings Bank, mtgee.	355.87 2400.34 142.44
William St. Tarkiln Hill Rd.	East of Purchase East of Acushnet Ave., N. S.		35.96 59.95
			\$15,025.90

## TEAMING AND TRUCKING ACCOUNT

Teaming	Labor	Supplies	Total
Expenses	\$10,615.26	\$2,240.16	\$12,855.42
Repair of Carts and Wagons	1,571.04	270.40	1,841.44
Stable Expenses	6,676.06	543.53	7,219.59
			<u>\$21,916.45</u>

Stock account Nov. 30, 1923.....\$15,569.10

Stock account Nov. 30, 1924..... 15,049.70

Teaming charged to Jobs, \$14,057.01

AUTO TRUCKS, TRACTORS AND MOTOR DRIVEN  
MACHINERY

Expenses—Chauffeurs, labor, repairs, supplies and  
garage .....\$77,676.14

Autos, trucking and road machinery charged to jobs  
at prevailing prices .....\$91,060.67

STONE CRUSHERS

Centre Crusher:

	Tons	Total Tons
Amount of stone bought in 1924	30,748	
*Stone received from street work	3,211	
		<u>33,959</u>
*Gravel, 1,648 tons		
Stone, 1,563 tons		

South Crusher:

Amount of stone bought in 1924	6,240	
Stone received from street work	146	
		<u>6,386</u>
		<u>40,345</u>
Amount of stone on hand Dec. 1, 1923:		975
Total amount		<u>41,320</u>

Stone on hand at the two crushers:

Centre	2,000 tons	
South	4,400 tons	
		<u>6,400</u>

Net amount crushed	34,920
Total cost of crushing, including crusher stone,	\$84,699.47
Average cost per ton, including stone	2.43



# HIGHWAYS & STREETS

	1919	1920	1921	1922	1923	1924
Macadam, repaired	\$ 37,146.73	\$ 36,793.15	\$ 42,143.33	\$ 35,522.46	\$ 86,951.75	60,980.20
Macadam:						
Bituminous Penetration	36,393.51	131,571.67	175,044.80	237,516.04	177,411.12	291,506.34
Bitulthic Paving	244,711.26	256,325.84	411,618.55	326,406.57	160,338.61	170,033.82
Streets filled and graded	63,338.26	47,509.96	119,494.24	217,030.42	138,772.59	131,989.72
Curbing, new and relaid	36,303.30	72,277.06	119,074.03	80,998.38	88,590.67	80,314.48
Gutters, new	8,862.58	5,047.23	9,437.22	44,362.58	40,791.91	20,771.88
Gutters, repaired	2,632.39	1,868.99	9,283.43	9,540.13	2,870.77	5,931.11
Concrete Sidewalks, repaired	1,251.40	2,373.86	6,249.31	4,469.51	3,815.21	1,474.40
Gravel and Cinder Walks	22,976.59	30,885.53	47,849.07	60,527.06	35,112.98	33,227.06
Granolithic, Sidewalks	21,979.19	45,945.60	38,322.37	41,031.54	60,883.00	104,424.58
Paving, new, granite block	100,977.21	139,243.28	87,882.67	29,542.30	23,163.87	
Paving, repaired, block, cobble and wood block	1,066.39	3,763.73	3,092.53	4,934.49	10,309.50	2,304.71
Flagging, new and repaired	867.62	2,551.91	5,662.55	3,485.20	3,497.07	4,458.62
Sweeping & cleaning streets	111,253.74	126,277.11	128,180.73	137,766.71	131,731.99	117,471.31
Removing snow and ice	1,646.34	43,041.78	19,538.70	9,018.44	38,384.71	18,076.81
Collecting ashes	70,155.14	102,760.54	111,966.28	119,975.41	132,262.32	125,412.82
Filling holes in street	3,567.17	5,756.30	10,505.24	15,318.62	19,805.48	18,713.94

**Highway Improvement  
Account**

## HIGHWAY IMPROVEMENT ACCOUNT

Appropriation .....	\$453,000.00
Balance from 1923 .....	13,480.09
Receipts .....	49,787.65
Total .....	<u>\$516,267.74</u>
Expenditures .....	<u>516,119.55</u>
Balance .....	\$ 148.19

## Expenditures:

Curbing .....	\$ 71,310.50
Gutters .....	20,771.88
Grading .....	126,098.06
Granolithic walks .....	104,424.58
Warrenite .....	170,033.82
Widening and alteration of lines	15,724.55
Walls .....	4,016.24
Misc. Drs. ....	<u>3,739.92</u>
	\$516,119.55

## STREET DEPARTMENT

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## CURBING—NEW—1924

Street	Location	Lgth. Ft.
Abbott	E. & W. S. Ruth to Rodney French Blvd.	544.2
Acushnet Ave.	N. E. Cor. Homestead	57.5
	N. E. Cor. Lloyd	63.6
	W. S., N. Russell	6.
	W. S., Shaw to Clifford	8.3
	W. S., N. Tarkiln Hill Rd.	109.7
	N. E. Cor. Terry Lane	30.
Allen	N. W. Cor. Byron	18.7
	N. E. Cor. Kirby	16.3
	N. W. Cor. Kirby	21.2
Arnold	S. S., Rounds to Reed	75.7
Austin Ct.	E. S., Austin to Hazard	25.4
Austin St.	N. S., Purchase to Pleasant	2.5
Avon	E. & W. S., Frank to Rockdale Ave.	77.7
Bates	N. & S. S., Acushnet Ave. to Ashley Blvd.	1919.
Beckett	N.W. & S.W. Cors. Acushnet Ave.	37.6
Bedford	N. S., W. Acushnet Ave.	5.
	S. E. Cor. Borden	11.5
	S. S., Brigham to Brownell	31.8
	N. W. Cor. Brownell	44.
	N. W. Cor. Rockdale Ave.	77.1
Rockdale Ave.	N. W. Cor. Bedford	47.3
Belleville Ave.	N. W. Cor. Perry	30.2
Belleville Rd.	N. & S. S., Ashley Blvd. to Brook	1150.7
Bolton	N. W. Cor. Richard	15.7
Bonney	W. S., Rivet to Thompson	34.9
Branscomb	S. W. Cor. Felton	18.2
	3 Cors. Felton	75.7
Brightman Ct.	E. S., N. Belleville Rd.	119.9
	E. & W. S., N. Belleville Rd.	99.5
	N. W. Cor. Sylvia	3.5
Brock Ave.	S. E. Cor. Rodney French Blvd.	73.9
Brook	N. W. Cor. Central Ave.	20.6
	S. W. Cor. Central Ave.	15.2
Central Ave.	S. W. Cor. Brook	15.7
Brook	N. E. Cor. Clifford	19.
	N. E. Cor. Earle	62.
Earle	N. E. Cor. Brook	74.3
Brooklawn	N. S., Felton to Ashley Blvd.	1303.4
Brownell	W. S., Allen to Farm	35.3
	S. E. Cor. Arnold	66.2
Arnold	S. E. Cor. Brownell	38.5
Brownell	N. W. Cor. Bedford	81.2
	S. W. Cor. Farm	38.7
	S. E. Cor. Maple	107.7
Maple	S. E. Cor. Brownell	49.4

## CURBING—NEW—Continued

Street	Location	Lgth. Ft.
Brownell Ave.	W. S., N. Pinnette	7.
Bullard	S. S., Front to Acushnet Ave.	79.1
Caroline	N. E. Cor. Austin	23.4
	N. E. Cor. Durfee	6.
	W. S., S. Durfee	42.4
	N. E. Cor. Sylvester	20.7
	N. E. Cor. Willow	22.5
Chancery	E. & W. S., Smith to Hillman	94.9
	E. & W. S., Kempton to Hillman	472.8
	E. S., Maxfield to Sycamore	88.6
Chestnut	E. & W. S., Pope to Robeson	170.4
Church	S. E. Cor. Clifford	37.
	N. W. Cor. Irvington	10.3
	N. E. Cor. Princeton	34.9
	S. E. Cor. Princeton	37.7
	W. S., head Princeton	6.
	S. E. Cor. Shaw	43.
Clara	N. W. & S. W. cors. Rodney French Blvd.	50.9
Clinton	N. S., Rounds to Reed	84.6
	S. S., Rounds to Reed	52.2
Coffin Av. Ct.	W. S., N. Coffin Ave.	234.4
Coggeshall	S. W. Cor. Ashley Blvd.	66.3
	N. S., E. Mt. Pleasant	40.6
	N. & S. S., Mt. Pleasant to Highland	120.5
Conduit	S. E. Cor. Dawson	63.2
	W. S., Hatch to Covell	284.4
Cottage	E. S., N. Hawthorn	8.
County	N. W. Cor. Arnold	53.7
	Cove St. to Cove Rd.	178.6
	N. E. Cor. Cedar Grove	15.1
	E. S., N. Thompson	6.4
Court	N. W. & S. W. Cors. County	51.9
Covell	N. S., Belleville Ave. to Acush. Ave.	256.4
Cove Rd.	N. E. Cor. First	31.2
Dawson	N. W. Cor. Plympton	4.5
	S. S., Plympton to Conduit	348.3
Delano	N. S., E. County	10.1
Desautels	N. E. Cor. Whitman	18.7
Diman	N. W. Cor. Earle	71.5
Earle	N. W. Cor. Diman	27.7
Dudley	S. S. Brock Ave. to Rodney F. Blvd.	74.1
Duncan	S. S., Kearsarge to Acushnet Ave.	851.7
Earle	S. S., Ashley Blvd. to Brook	39.4
Ellen	S. S., Cleveland to Brock Ave.	25.9
Elm	S. W. Cor. Cottage	153.8

## STREET DEPARTMENT

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## CURBING—NEW—Continued

Street	Location	Lgth. Ft.
Eugenia	N. S., Acushnet Ave. to Ashley Blvd.	72.7
Fair	N. S., W. County	14.6
Felton	S. W. Cor. Wood	75.7
Fielding	W. S., Brooklawn to Wood	82.2
Wood	S. E. & S. W. Cors. Fielding	50.4
Francis	N. E. Cor. Elm	21.2
	N. W. Cor. Elm	62.9
Frederick	S. S., Cleveland to Rodney Fr. Blvd.	84.7
Freeman	E. & W. S., Woodlawn to Ellen	137.4
Glennon	N. & S. S., Ashley Blvd. to Brook	570.4
	N. & S. S., Ashley Blvd. to Church	1477.9
Griffin	S. S., E. Water	56.4
Grit	N. S., Rodney French Blvd. to Thatcher	161.2
Hadley	N. S., Belleville Ave. to Acush. Ave.	669.
Harwich	S. S., Acushnet Ave. to Orleans	3093.1
	S. W. Cor. Felton	22.9
	S. W. Cor. River Rd.	23.1
Hawthorn	N. S., E. Ash	4.7
	N. S., W. County	4.1
Hazard Ct.	E. S., Austin to Hazard	25.4
Hemlock	S. E. Cor. Rivet	23.2
Hersom	N. & S. S., Baylies to Waldo	998.8
High	S. W. & S. E. Cor. Second	67.3
Acushnet Ave.	S. E. & N. E. Cor. High	38.5
Highland	E. S., Durfee to Mt. Vernon	57.1
Hillman	S. S., W. Pleasant	7.
Homestead	N. E. Cor. Acushnet Ave.	30.7
Hussey	E. S., Lake to Kempton	65.
Hyacinth	E. S., Rivet to Thompson	250.9
Ingraham	N. E. Cor. Acushnet Ave.	28.8
	S. S., Kearsarge to Acushnet Ave.	219.
Irvington	N. E. Cor. Church	35.3
	N. E. Cor. Maywood	35.9
	N. E. Cor. Seabury	34.1
James	S. W. Cor. Kempton	124.4
Jenney	S. W. Cor. Kempton	55.3
Jonathan	W. S., Arnold to Union	26.9
	W. S., Union to Court	32.4
Kearsarge	N. W. Cor. Duncan	19.7
	E. & W. S., Hadley to Perry	1078.3
	N. W. Cor. Hadley	20.2



## CURBING—NEW—Continued

Street	Location	Lgth. Ft.
Kempton	S. S., Rockdale Ave. to Jenny Lind	145.7
Kingston	N. W. Cor. Dawson	19.8
Langlois	S. S., E. Acushnet Ave.	172.3
Liberty	N. E. Cor. Sycamore	19.7
Lindsey	S. W. Cor. Smith	20.7
Locust	N. S., County to Summer	8.5
Lucas	S. S., Brock Ave. to Rodney F. Blvd.	50.4
Maple	S. E. Cor. Palmer	56.1
	N. & S. S., Palmer to Rockdale Ave.	650.8
Matthew	N. S., Rockdale Ave. to T. L.	9.
Maxfield	N. W. Cor. Carney	27.
	N. W. Cor. Flagg	29.5
	N. W. Cor. Hunter	29.4
	N. W. Cor. Lindsey	23.
Meriam	E. & W. S., Bedford to Morelands Terrace	686.3
Merrimac	S. W. Cor. Purchase	4.1
Middle	S. S., County to Cottage	864.4
	N. E. Cor. Pleasant	61.1
Milford	N. W. Cor. Carlisle	18.2
	S. E. & S. W. Cors. Carlisle	63.1
	W. S., Irvington to Carlisle	45.4
Mill	N. E. Cor. Liberty	48.7
Liberty	N. E. Cor. Mill	57.6
Milton	N. S., Rockdale Ave. to Jenny Lind	45.
	S. S., Rockdale Ave. to Jenny Lind	247.9
Monmouth	N. W. & S. W. Cors. Acushnet Av.	34.4
Morelands Terrace	S. S., Ash to Page	521.4
Nausett	N. S., Purchase to Mt. Pleasant	266.
Newton	Court to Elm	196.5
North	S. S., Watson to Kempton	151.9
Orchard	S. E. Cor. Thompson	3.9
Orleans	S. W. Cor. Harwich	18.9
Orleans	E. & W. S., Hersom to Branscomb	161.3
Osborn	S. W. Cor. Hemlock	18.
Palmer	E. S., Arnold to Union	68.4
	S. E. Cor. Union	139.4
Union	S. E. Cor. Palmer	96.2
Peckham Rd.	N. E. Cor. Acushnet Ave.	10.
	S. E. Cor. Acushnet Ave.	9.5
Perry	N. & S. S., Belleville Av. to Acushnet Av.	825.1
Phillips Ave.	S. E. Cor. Acushnet Ave.	80.8

## STREET DEPARTMENT

23 v

## CURBING—NEW—Continued

Street	Location	Lgth. Ft.
Pinnette	N. W. & S. W. Cors. Brownell Ave.	43.2
Pleasant	S. W. Cor. Mill	13.
	W. S., School to Spring	139.2
Plymouth	S. S., Brownell to Palmer	10.7
Plympton	W. S., Harwich to Dawson	139.
Pope	S. S., County to Summer	462.8
Princeton	N. S., Irvington Ct. to Concord	43.
Purchase	N. W. & S. W. Cors. Franklin	21.7
	E. S., Maxfield to Campbell	2.8
Reed	W. S., Union to Court	80.9
Richmond	S. E. Cor. Willow	85.9
Ridge	N. E. & N. W. Cors. Alden	45.5
	S. E. & S. W. Cors. Alden	38.5
	N. E. & N. W. Cors. Matthew	18.
River Rd.	E. & W. S., Wood to Tarkiln H. Rd.	127.3
Robeson	N. S., Richmond to Shawmut Ave.	71.2
Rochambeau	E. S., Irvington to Carlisle	36.1
Rockdale Ave.	4 Cors. Allen	122.5
	W. S., Allen to Court	2418.5
	W. S., Allen to Farm	50.
	N. W. & S. W. Cors. Brier	34.7
	E. S., Court to Elm	133.9
	S. W. Cor. Dartmouth	46.
	E. S., Elm to Kempton	44.6
	W. S., Farm to Bedford	44.9
	N. E. Cor. Hawthorn	51.
	S. E. Cor. Hawthorn	9.
	N. W. & S. W. Cors. Rogers	38.
	E. S., Westbrook to Allen	8.1
Rodney		
French Blvd.	N. W. Cor. Cove Rd.	34.4
	S. W. Cor. Cove Rd.	51.9
Roosevelt	W. S., Cove to Ruth	37.3
Rounds	W. S., Arnold to Union	90.2
	N. E. Cor. Clinton	2.5
	E. & W. S., Maple to Arnold	323.8
Ryan	N. S., Brigham to Brownell	42.
Salisbury	S. W. Cor. Ruth	10.
Sawyer	S. S., Summer to Mt. Pleasant	34.3
Scott	N. W. Cor. County	48.4
Second	E. S., Middle to High	59.5
Shaw	N. S., Concord to Arlington	50.7
Shawmut Ave.	E. S., N. Parker	99.8
	E. S., Smith to Campbell	252.4
	W. S., N. Tilton	48.8
Shelburn	N. W. & S. W. Cors. Acushnet Ave.	37.6

## CURBING—NEW—Continued

Street	Location	Lgth. Ft.
Sixth	S. E. Cor. Madison	95.5
South	S. S., County to Crapo	39.5
Spring	S. S., Pleasant to Sixth	227.
State	N. Maxfield	5.
Stetson	E. & W. S., Bedford to Morelands Ter.	764.
Sycamore	N. E. Cor. Emerson	4.5
	S. S., Chancery to Emerson	59.2
Tarkiln Hill Rd.	N. E. & N. W. Cors. Belleville Ave.	54.8
	S. W. Cor. Chatham	19.9
	S. W. Cor. Flint	16.8
	S. W. Cor. Somerset	17.2
	S. W. Cor. Tisbury	20.8
	N. W. Cor. Yates	18.2
Thatcher	E. S., Grit to Cove	132.8
Union	S. S., County to Orchard	297.5
	N. S., Palmer to Reed	147.5
	N. E. & S. E. Cors. Rockdale Ave.	50.3
	S. E. Cor. Second	15.7
	S. E. Cor. Seventh	19.
	S. S., Sixth to Seventh	225.3
Valentine	N. S., Brock Ave. to Rodney French Blvd.	30.7
Victoria	N. E. Cor. Ashley Blvd.	40.7
Walnut	N. S., E. Acushnet Ave.	6.8
	N. S., Pleasant to Seventh	91.9
Washington Ave.	E. S., Willis to Pearl	50.1
Weld	S. S., County to Summer	39.5
	N. S., Summer to Myrtle	46.
Whitman	S. S., Acushnet Ave. to Ashley Blvd.	40.3
	N. W. Cor. Belleville Ave.	5.
	N. & S. S., Hope to Belleville Ave.	79.1
William	N. E. & S. E. Cors. County	50.4
	N. & S. S., W. Sixth	19.8
Wing	S. S., W. Sixth	5.6
Winterville Rd	S. E. & S. W. Cors. Ridge	38.2
Wood	N. S., Conduit to Baylies	183.1
	S. W. Cor. Felton	76.7
Worcester	W. S., N. Tarkiln Hill Rd.	42.4
		35,844.9

\*Total cost of new curb \$71,310.50.

Cost per foot, including curbing and laying \$2.03.

Curbstone in stock Dec. 1, 1924:

1972 feet straight curb \$2,643.86.

649 feet corner curb \$1,161.71.

## STREET DEPARTMENT

25 v

## GUTTERS—NEW—1924

Street	Location	Length Feet	Area Sq. Yds.
Alden	B. S., Rockdale Ave. to Ridge	500	167
Allord	N. S., E. Brock Ave.	147	49
Austin Ct.	E. S., Austin to Hazard	371	124
Austin St.	B. S., W. Purchase	66	18
Avon	B. S., Rockdale Ave. to Frank	622	207
Babbitt	N. S., Dartmouth to Field		
Brook	E. S., Central Ave. to Query	218	73
Brownell Ave.	W. S., N. Pinette	40	13
Buchanan	B. S., Summer to Mt. Pleasant	479	160
Central Ave.	B. S., Ashley Blvd. to Brook	1287	429
Chancery	B. S., Hillman to Maxfield	642	214
Clifford	B. S., Ashley Blvd. to Brook	1284	428
Dudley	Brock Ave. to Rodney French Blvd. West	1137	379
Dutton	W. S., Acushnet Ave. to Ashley Blvd.	1425	475
Emerson	B. S., Sycamore to Smith	309	103
Farm	B. S., Brigham to Brownell	1234	480
Fielding	B. S., Wood to Brooklawn	510	170
Freeman	B. S., Woodlawn to Ellen	1388	463
Garfield	B. S., Summer to Mt. Pleasant	681	227
Glennon	B. S., Ashley Blvd. to Brook	790	263
Hazard Ct.	E. S., Austin to Hazard	363	121
Hemlock	S. W. Cor. Osborn	66	22
Jenkins	B. S., Hemlock to Dartmouth	1348	449
Kirby	B. S., N. Allen	920	358
Milford	B. S., Irvington to Carlisle	1658	553
Orleans	B. S., Harwich to Hersom	768	256
Pinnette	B. S., Brownell Ave. to Dartmouth Line	740	288
Richard	B. S., Bolton to Town Line	669	223
Ridge	B. S., Matthew to Winterville Rd.	1172	391
River Rd.	B. S., Wood to Tarkiln Hill Rd.	2672	891
Rockdale Ave.	W. S., Milton to Rogers		*
Rockdale Ave.	B. S., Allen to Westbrook	2284	1015
Rogers	N. S., W. Rockdale Ave.	61	20

## GUTTERS—NEW—1924—Continued

Street	Location	Length Feet	Area Sq. Yds.
Whitman	B. S., Hope to Belleville Ave.	810	315
Winterville Rd	B. S., W. Rockdale Ave.	2290	763
Sundry Places	Costing Less than \$50.00	353	122
		29304	10229

Total cost, \$20,771.88.

\*Carried forward from 1923.

## STREET DEPARTMENT

27 v

## GRANOLITHIC SIDEWALKS

Street	Location	Area Sq. Yds.
Acushnet Ave.	No. 2165 S. of Tarkiln Hill Rd.	39.36
Acushnet Ave.	W. S. N. of Tarkiln Hill Rd.	201.68
Acushnet Av.) Tarkiln Hill ) Rd. )	N. E. Cor. Tarkiln Hill Rd.	138.97
	N. E. Cor. Acushnet Ave.	76.03
Acushnet Av.)	S. E. Cor. Belleville Rd.	96.05
Front St. )	S. W. Cor. Belleville Rd.	90.59
Belleville Rd.)	S. S. Acushnet Ave. to Front	101.71
Acushnet Av.)	N. E. Cor. Homestead	50.51
Homestead St.	N. E. Cor. Acushnet Ave.	51.06
Acushnet Ave.	No. 1122 N. of Coggeshall	80.10
Acushnet Av.)	E. S. Duncan to Ingraham	181.44
Duncan St. )	N. S. Kearsarge to Acushnet Ave.	542.74
Kearsarge St.)	W. S. Duncan to Ingraham	246.83
Ingraham St.)	S. S. Acushnet Ave. to Kearsarge	316.81
Acushnet Ave.	No. 1832 S. of Central Ave.	55.21
Acushnet Ave.	No. 2368 N. E. Cor. Lloyd	43.39
Acushnet Ave.	No. 434 S. E. Cor. High	82.59
Acushnet Ave.	No. 1980 S. of Perry	58.70
Allen St.	S. S. E. of Ward	37.57
Arnold St.	No. 416 Rounds to Reed	28.17
Arnold St.	No. 432 E. of Reed	33.49
Arnold St. )	S. E. Cor. Brownell	18.94
Brownell St.)	S. E. Cor. Arnold	55.29
Ashley Blvd.)	S. W. Cor. Coggeshall	77.01
Coggeshall St.)	S. W. Cor. Ashley Blvd.	65.74
Bedford St.	No. 53 W. of Sixth	21.66
Bedford St.	No. 57 W. of Sixth	21.67
Bedford St.	No. 306 W. of Brigham	28.71
Bedford St. )	N. W. Cor. Brownell	34.87
Brownell St.)	N. W. Cor. Bedford	44.23
Bonney St.	No. 199 N. of Rivet	44.78
Brigham St.	No. 16 W. of Bedford	36.48
Brightman Ct.	N. E. Cor. Belleville Rd.	80.70
Brightman Ct.	No. 13 N. of Belleville Rd.	27.25
Brightman Ct.	No. 18 N. of Belleville Rd.	17.74



## GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area Sq. Yds.
Brightman Ct.	No. 22 N. of Belleville Rd.	22.45
Brooklawn St.	N. W. Cor. Fielding	53.63
Brooklawn St.	N. S. E. of Edna	25.87
Brownell St.	No. 34 S. of Farm	41.00
Brownell St.	S. E. Cor. of Farm	29.17
Bullard St.	No. 54 W. of Front	96.45
Campbell St.	No. 79 W. of County	42.58
Campbell St.	No. 85 W. of County	36.43
Caroline St.	W. S. S. of Darfee	36.33
Chestnut St.	No. 100 S. of Smith	6.41
Chestnut St.	E. S. N. of Pope	34.96
Cove Rd.	No. 1055 Cor. Shore	41.91
Coffin Ave.	N. E. of Coffin Ave. Ct.	76.26
Coffin Ave.	N. S. of Coffin Ave. Ct.	16.06
Coggeshall St.	No. 597-599	37.15
Coggeshall St.	No. 626 W. of Mt. Pleasant	46.00
Coggeshall St.	No. 627 W. of Mt. Pleasant	52.75
Covell St.	No. 15 E. of Acushnet Ave.	67.48
Covell St.	No. 47 E. of Acushnet Ave.	32.84
Covell St.	No. 61 E. of Acushnet Ave.	37.36
Covell St.	No. 65 E. of Acushnet Ave.	32.17
Covell St.	No. 69 E. of Acushnet Ave.	33.60
Clinton St.	No. 413 W. of Rounds	48.99
County St.	No. 206-10 S. of Rockland	66.02
County St.	No. 63-65 N. of Nelson	45.84
County St.	No. 625 N. of Sycamore	42.29
Dartmouth St.	No. 297 N. of Edward	28.67
Dartmouth St.	E. S. N. of Fair	61.72
Dudley St.	No. 36 W. of Brock Ave.	55.04
Eugenia St.	N. S. E. of Ashley Blvd.	33.84
Earle St.	) N. E. Cor. of Brook	53.53
Brook St.	) N. E. Cor. of Earle	89.58
Elm St.	) S. E. Cor. Rounds	33.63
Rounds St.	) S. E. Cor. Elm	19.90
Earle St.	) N. W. Cor. Diman	41.13
Diman St.	) N. W. Cor. Earle	84.91
Earle St.	No. 314 E. of Brook	33.76
Ellen St.	No. 54 E. of Brock Ave.	45.00
Elm St.	No. 276-278 S. W. of Cottage	66.99
Eugenia St.	No. 173 W. of Acushnet Ave.	33.29

## GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area Sq. Yds.
Eugenia St.	No. 185 W. of Acushnet Ave.	29.34
Eugenia St.	No. 190 E. of Ashley Blvd.	26.23
Eugenia St.	No. 194 E. of Ashley Blvd.	26.60
Eugenia St.	No. 198 E. of Ashley Blvd.	26.72
Eugenia St.	No. 200-202 E. of Ashley Blvd.	26.60
Eugenia St.	No. 204-206 E. of Ashley Blvd.	30.00
Fielding St.	No. 7-13 N. of Brooklawn	44.77
Fielding St.	No. 25 S. of Wood	34.76
Fielding St.	N. W. Cor. Brooklawn	43.30
Fielding St.	No. 17 N. of Brooklawn	90.64
Francis St.	N. W. Cor. of Elm	26.87
Frederick St.	No. 28-32 W. of Rodney French Blvd. W.	51.44
Front St.	W. S. N. of Deane	85.37
Front St. )	S. E. Cor. of Belleville Rd.	35.48
Belleville Rd. )	S. E. Cor. of Front.	16.30
Glennon St.	S. S. E. of Ashley Blvd.	88.11
Griffin St.	S. S. E. of Water	47.46
Grinnell St.	No. 220 S. of Dartmouth	51.70
Hawthorn St. )	N. E. Cor. of Rockdale Ave.	40.80
Rockdale Av. )	N. E. Cor. of Hawthorn	113.06
Hawthorn St. )	S. W. Cor. Rockdale Ave.	107.23
Rockdale Av. )	S. W. Cor. Hawthorn	53.53
Hemlock St.	E. S. S. of Larch	33.23
High St.	S. W. Cor. of Second	96.06
Highland St.	No. 88 S. of Mt. Vernon	29.17
Highland St.	E. S. S. of Mt. Vernon	28.81
Hussey St.	No. 44 S. of Kempton	27.59
Hussey St.	No. 52 S. of Kempton	22.72
James St.	No. 59 N. of Arnold	17.58
James St.	No. 63 N. of Arnold	21.26
James St. )	S. W. Cor. Kempton	32.25
Kempton St. )	S. W. Cor. of James	44.02
James St.	No. 211 S. of Kempton	28.35
James St.	No. 217 S. of Kempton	27.60
Jonathan St.	No. 45 S. of Union	35.50
Jonathan St.	No. 75-77 S. of Court	36.99
Kempton St.	No. 662 S. E. Cor. Lindsey	18.72
Kempton St.	S. E. Cor. Florence	33.74
Kempton St.	No. 858 E. of Francis	42.55
Kempton St. )	S. S. W. of Jenney	83.62
Jenney St. )	W. S. S. of Kempton	12.71

## GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area Sq. Yds.
Kempton St.	S. W. Cor. of Lindsey	41.80
Kempton St. )	S. W. Cor. of Jenney	39.23
Jenney St. )	S. W. Cor. of Kempton	33.70
Locust St.	N. 29 E. of Summer	39.04
Lucas St.	No. 40 W. of Brock Ave.	38.19
Locust St.	No. 118 E. of Richmond	30.57
Locust St.	No. 135 E. of Shawmut Ave.	26.71
Maple St. )	S. E. Cor. of Brownell	46.78
Brownell St. )	S. E. Cor. of Maple	79.78
Maple St. )	No. 306 S. E. Cor. of Palmer	69.40
Palmer St. )	S. E. Cor. of Maple	69.45
Middle St.	N. E. Cor. of Purchase	44.66
Middle St.	S. S. W. of Sixth	61.02
Middle St. )	N. E. Cor. of Pleasant	44.97
Pleasant St. )	N. E. Cor. of Middle	66.76
Middle St.	N. S. W. of Purchase	20.54
Mill St. )	N. E. Cor. of Liberty	26.51
Liberty St. )	N. E. Cor. of Mill	38.59
Milton St.	No. 18 W. of Rockdale Ave.	52.25
Milton St.	No. 32 W. of Rockdale Ave.	79.65
Milford St.	No. 21-23 N. of Irvington	30.05
Milton St.	No. 27 W. of Rockdale Ave.	30.32
Morelands Ter.	S. E. Cor. of Page	88.20
Morelands Ter.	S. W. Cor. of Ash	45.11
Morelands Ter.	S. E. Cor. of Stetson	50.69
Morelands Ter.	S. W. Cor. of Meriam	64.20
Mt. Pleasant	No. 245 N. of Adams	26.38
Mt. Pleasant	No. 251 N. of Adams	24.02
North St.	S. S. Watson to Kempton	74.95
North St.	S. S. E. of County	34.36
North St.	S. S. E. of County	40.26
Orchard St.	N. E. Cor. of Arnold	23.80
Palmer St.	No. 113 N. of Hawthorn	37.81
Palmer St.	No. 118 S. of Maple	39.32
Palmer St.	No. 174-176 N. of Arnold	28.22
Palmer St.	No. 188 S. of Union	30.31
Park St.	No. 161 N. of Court	37.53
Park St.	No. 163 N. of Court	38.69
Park St.	No. 167 N. of Court	36.55
Pearl St.	N. S. Acushnet Ave. (Easterly)	233.42
Perry St.	No. 93 W. of Belleville Ave.	35.45
Perry St.	No. 97 W. of Belleville Ave.	35.02

## GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area Sq. Yds.
Perry St.	No. 111 E. of Acushnet Ave.	33.84
Perry St.	No. 115 E. of Acushnet Ave.	41.54
Perry St.	No. 119 E. of Acushnet Ave.	37.74
Perry St.	No. 122 W. of Kearsarge	35.46
Perry St.	No. 126 W. of Kearsarge	36.65
Phillips Ave.	S. E. Cor. of Acushnet Ave.	68.48
Phillips Ave.	S. S. E. of Acushnet Ave.	51.00
Pleasant St.	No. 730-736 S. of High	34.31
Plymouth St.	No. 50-52 W. of Brownell	16.27
Princeton St.	No. 45 W. of Irvington Ct.	26.87
Purchase St.	No. 1260-64 S. of Campbell	51.52
Purchase St.	No. 1546-48 S. of Merrimac	38.47
Purchase St.	E. S. N. of Logan	31.27
Purchase St.	E. S. Cor. of School	97.67
Reed St.	W. S. N. of Union	36.01
Reed St.	S. W. Cor. of Plymouth	55.13
Reed St.	N. W. Cor. of Union	44.16
Rivet St. )	S. E. Cor. of Hemlock	60.24
Hemlock St. )	S. E. Cor. of Rivet	68.44
Robeson St.	No. 137 W. of Richmond	22.05
Robeson St.	No. 141 W. of Richmond	21.40
Rochambeau	No. 64 S. of Carlisle	38.65
Rockdale Ave.	No. 573 S. of Plymouth	67.75
Rockdale Ave.	No. 776 N. of Elm	46.52
Rockdale Ave.	E. S. S. of Elm	31.42
Rockdale Ave.	E. S. S. of Elm	63.53
Rockdale Av.)	N. W. Cor. of Bedford	59.83
Bedford St. )	N. W. Cor. of Rockdale Ave.	78.53
Rockdale Ave.	W. S. N. of Allen	49.33
Rockdale Ave.	No. 517 N. of Farm	59.27
RodneyF.Blvd)	W. S. Grit to Cove	153.12
Grit St. )	N. S. Rodney Fr. Blvd. to Thatcher	161.24
Thatcher St. )	E. S. Grit to Cove	295.77
RodneyF.Blvd.)	E. S. Warren to Brock Ave.	236.15
Brock Av. )	W. S. Warren to Rodney Fr. Blvd.	332.50
RodneyF.Blvd.)	Cor. Brock Ave.	80.01
Cove Rd. )	S. S. Rodney Fr. Blvd. to Thatcher	167.62
Cove Rd. )	S. W. Cor. Rodney French Blvd.	64.64
Cove Rd. )	And Rodney French Blvd.	87.39
Roosevelt St.	No. 11 S. of Cove St.	46.40
Rotch St.	No. 82-84 N. of Arnold	29.89
Rounds St.	No. 179 S. of Union	28.40
Rounds St.	No. 183-185 S. of Union	30.72
Rounds St. )	S. W. Cor. Clinton	83.06
Clinton St. )	S. W. Cor. Rounds	24.39

## GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area Sq. Yds.
Ryan St.	No. 21-23 W. of Brigham	37.64
Sawyer St.	N. S. W. of Purchase	31.03
School St.	No. 82 W. of Acushnet Ave.	34.80
Second St.	W. S. Spring to Union	55.92
Seventh St.	No. 20 S. of Spring	50.35
Shaw St.	No. 358-360 Ashley Blvd. to Brook	8.71
Shawmut Ave.	E. S. N. of Parker	144.77
Shawmut Ave.	W. S. N. Tilton	41.75
Sixth St. )	S. E. Cor. of Madison	87.46
Madison St. )	S. E. Cor. of Sixth	48.50
South St.	No. 90-92 W. of County	34.38
Spring St.	N. W. Cor. Purchase	92.18
Sycamore (St.)	S. E. Cor. Chancery	57.48
Chancery St.)	S. E. Cor. Sycamore	53.80
Sawyer St.	S. S. W. of Summer	45.31
Shaw St.	No. 237 E. of Arlington	40.00
Tarkiln Hill Rd.	No. 73 E. of Acushnet Ave.	73.70
Union St.	N. W. Cor. Reed	49.44
Union St.	S. S. County to Orchard	295.56
Union St. )	N. W. Cor. Rotch	33.23
Rotch St. )	N. W. Cor. Union	58.26
Union St.	S. E. Cor. Palmer	56.52
Palmer St.	S. E. Cor. Union	105.39
Valentine St.	No. 79 E. of Rodney French Blvd.	25.61
Water St.	No. 987-989 S. of Division	26.34
Water St.	No. 946-950 ½ N. Gifford	66.72
Weld St.	No. 259 E. of Summer	36.28
Weld St.	No. 260 E. of Summer	30.56
Whitman St.	No. 202-204 E. of Ashley Blvd.	36.87
Willis St.	N. S. E. of Summer	35.23
Willis St.	S. S. E. of Summer	37.34
Willow St. )	S. E. Cor. Richmond	34.28
Richmond St.)	S. E. Cor. Willow	47.10
Wood St.	No. 265 W. of Conduit	41.66
Wood St.	No. 269 E. of Baylies	63.13
Wood St. )	S. W. Cor. Felton	80.71
Felton St. )	S. W. Cor. Wood	59.36
Worcester St.	W. S. N. of Tarkiln Hill Rd.	47.18
Bridgeway	Water to Second	260.55
		14,403.85



## GRANOLITHIC SIDEWALKS—Continued

Street	Location	Area Sq. Yds.
	Amt. Brought F'wd.....	14,403.85
	ASSESSED SIDEWALKS	
Acushnet Ave.	W. S. Earle to Tarkiln Hill Rd.	4,444.21
County St.	B. S. Cove Rd. to Rockland	4,176.67
County St.	W. S. Arnold to Union	364.29
Clinton St.	N. S. County to Orchard	224.30
Hadley St.		537.81
Dawson St.	And Plympton	562.73
Harwich St.	S. S. Acushnet Ave. to Orleans	1,364.41
Morelands Ter.	Ash to Meriam	225.29
Orchard St.	W. S. Arnold to Rotch	266.35
Purchase St.	W. S. Clark to Deane	2,125.43
Rivet St.	N. S. County to Bolton	1,056.49
Rodney Fr. Blvd.		
Sawyer St.	E. S. Bet. Woodlawn & David	610.42
Union St.	N. S. from Soule Mill Office to Purchase St.	2,631.43
	N. S. Ash to Rockdale Ave.	1,094.03
		<u>34,087.71</u>

Contracted bill—for laying granolithic walks .....	\$ 47,381.91
Extra thickness on driveways .....	502.35
Labor—excavating—preparing foundation, tools & supervision for laying 34,087.71 sq. yds	56,540.32
Total .....	\$ 104,424.58
Average cost per square yard .....	\$ 3.06
Contract price for laying, \$1.39 per square yd.	



## FILLING AND GRADING—1924

Street	Location	Cost
Acushnet Ave.	At Terry Lane	\$ 58.69
Adelaide	S. Ethel to Pontiac	213.95
Alden	Ridge to City Line	1,025.64
Allord	Brock Ave. to Fern	911.34
Ashland Place	Summer to Linden Ct.	529.12
Austin Ct.	Austin to Hazard	192.30
Austin St.	County to Cedar ) N. S. W. Purchase )	683.60
Ball	E. Acushnet Ave.	151.04
Bates	Acushnet Ave. to Ashley Blvd.	1,307.85
Baylies	Wood to Hersom	58.82
Bedford	Brownell to Palmer ) Rockdale Ave. to John )	669.38
Belair	W. Acushnet Ave. ) Ashley Blvd. to Wildwood Rd. )	3,096.81
Belleville Ave.	Bet. Nonquitt & Nashawena Mills ) Tarkiln Hill Rd. to Humphrey ) Belleville Rd. to Hatch )	3,334.91
Belleville Rd.	Ashley Blvd. to Brook	1,160.40
Bolton	Rockdale Ave. to Dartmouth line	721.30
Borden	Dartmouth to Allen	1,510.08
Braley Rd.	E. Phillips Rd.	50.92
Branscomb	Felton to Orleans	308.94
Brightman Ct.	Belleville Rd. to 300' N.	529.40
Brightman St.	100' N. Sylvia ) Sylvia to Wood )	161.86
Brockton	Hawes to Worcester	184.35
Brook	Belleville Rd. to Central Ave.	965.75
Brooklawn	Acushnet Ave. to Ashley Blvd.	1,826.29
Brownell Ave.		905.59
Byron	Allen to Ryan	974.66
Carlisle	Rochambeau to Seabury	130.29
Caroline	Robeson to Austin ) Austin to Durfee ) Cor. Sylvester )	583.46
Carroll	W. Rockdale Ave.	489.00
Central Ave.	Ashley Blvd. to Brook	2,092.86
Chaffee	W. Ashley Blvd.	73.53
Chancery	Smith to Kempton	2,367.90
Chestnut	Campbell to Robeson ) Court to Willis )	2,243.50
Church	N. Tarkiln Hill Rd. ) N. Princeton ) Cor. Shaw )	1,252.08
Clara	Cleveland to Rodney French Blvd. E.	673.23
Cleveland	Frederick to Rodney ) Butler to Norman )	716.12

## FILLING AND GRADING—1924—Continued

Street	Location	Cost
Clifford	Ashley Blvd. to Brook	1,583.63
Clinton	Rounds to Rockdale Ave.	485.93
Conduit	Hatch to Covell )	
	Wood to Brooklawn )	857.99
County	Arnold to Union	344.05
Darling	E. Ball	73.08
Dartmouth	Matthew to Rockdale Ave.	565.77
Dawson	Conduit to Plympton	723.10
DeWolf	Durfee to Mt. Vernon	267.29
Duncan	Acushnet Ave. to Kearsarge	409.78
Dutton	E. Ashley Blvd.	1,155.95
Emerson	Smith to Sycamore	445.05
Ethel	W. Acushnet Ave.	110.71
Farm	Brigham to Brownell	158.25
Felton	Harwich to Tarkiln Hill Rd.	73.00
Felding	Brooklawn to Wood	328.03
Flint	Tarkiln Hill Rd. to Dawson	69.83
Francis	Court to Kempton	2,128.85
Freeman	Woodlawn to Ellen	1,712.56
Fulton	W. Rockdale Ave.	141.83
Garfield	Mt. Pleasant to Summer	741.85
Glennon	Ashley Blvd. to Church	1,047.44
Grant	W. Jenny Lind	159.15
Hadley	E. Acushnet Ave.	193.56
Hanson	Wood to Hersom	297.22
Harwich	River Rd. to Belleville Ave. )	
	Conduit to Orleans )	
	Acushnet Ave. to Conduit )	4,368.63
Hathaway Rd.	Shawmut Ave. to Mt. Pleasant	128.35
Hazard Ct.	Hazard to Austin	83.58
Hawes	N. Tarkiln Hill Rd.	625.24
Hemlock	Rockdale Ave. to Dartmouth line	465.00
Hersom	Baylies to Ashley Blvd.	682.96
Highland	N. Potter	256.84
Hillman	Rockdale Ave. to Summit	213.52
Holyoke	Hawes to Lowell	209.50
Homestead	E. Acushnet Ave.	95.53
Howard St.	Cedar Grove to Beetle )	
	Coggeshall to Cedar Grove )	459.62
Humphrey	Belleville Ave. to Acushnet Ave.	1,653.43
Hunter	N. Maxfield	836.92
Ilion	Kempton to Buttonwood	63.00
Ingraham	Acushnet Ave. to Kearsarge	321.64
Irvington	Maywood to Seabury )	
	W. Milford )	158.25

## FILLING AND GRADING—1924—Continued

Street	Location	Cost
Jacintho	Allen to Dartmouth line	2,157.04
Jenkins	Dartmouth to Hemlock	491.53
Kearsarge	Hadley to Perry	1,730.69
Kempton	Rockdale Ave. to Jenny Lind	1,189.16
Kenmore	W. Acushnet Ave.	110.70
Kenyon	No. Front to Belleville Ave.	176.10
King's H'way	Tarkiln Hill Rd. to Mt. Pleasant	118.91
Kirby	N. Allen	166.71
Lawrence	N. Tarkiln Hill Rd.	
	Lynn to Holyoke	185.73
Linden	County to Summer	228.25
Lowell	Tarkiln Hill Rd. to Holyoke	400.22
Lucas	Brock Ave. to Rodney Fr. Blvd. W.	455.54
Maple	Palmer to Rockdale Ave.	412.20
Marvin	Howard to Acushnet Ave.	671.88
Matthew	Rockdale Ave. to Dartmouth Line	311.13
May	W. Acushnet Ave.	62.50
Mary	Tarkiln Hill Rd. to Wood	708.30
Maryland	E. Entrance to Pine Grove Cemetery	109.15
Mazeppa	Acushnet Ave. to Mill Rd.	340.80
Menton	Ashley Blvd. to Lowell	2,110.23
Meriam	Morelands Terrace to Bedford	634.77
Middle	County to Cottage	1,561.69
Milford	Irvington to Carlisle	680.75
Morelands Ter.	Ash to Page	1,028.75
Moss	So. Butler	709.01
Moynan	Brooklawn to Wood	151.79
Nash Rd.	Mt. Pleasant to Shawmut Ave.	265.17
Norman	Brock Ave. to Rodney Fr. Blvd. East	749.64
Nye's Lane	E. Acushnet Ave.	90.05
Oliver	Tarkiln Hill Rd. to Holyoke	796.73
Orleans	Branscomb to Harwich	62.00
Palmer	Bedford to Ryan	70.96
Pauline	Brownell Ave. to Dartmouth Line	832.67
Peckham Rd.	E. Acushnet Ave.	930.46
Perry	Belleville Ave. to Acushnet Ave.	585.77
Phillips Rd.	W. Acushnet Ave.	51.56
Pine Grove	E. S., N. Tarkiln Hill Rd.	65.62
Pinnette	Brownell Ave. to Dartmouth Line	2,015.84
Plymouth	W. Rockdale Ave.	1,112.56
Polk	Summer to Mt. Pleasant	231.56
Pope	Summer to County	753.25

## FILLING AND GRADING—1924—Continued

Street	Location	Cost
Potter	Highland to Shawmut Ave.	50.29
Prescott	N. Tarkiln Hill Rd.	664.93
Reed	Court to Kempton	583.46
Ridge	Matthew to Winterville Rd.	1,769.39
River Rd.	Wood to Tarkiln Hill Rd.	2,336.43
Robeson	Cottage to Cedar	286.34
Rochambeau	Carlisle to Brooklawn	82.34
Rockdale Ave.	Court to Union	73.30
Rodney Fr. Blvd.	David St. to South of Bath House	552.40
Rounds	Maple to Arnold	160.73
Roy	Wood to Brooklawn	151.79
Russell	Sixth to County	658.31
Ryan	Byron to Rockdale Ave.	995.49
Sassaquin Av.	W. Acushnet Ave.	80.00
Sassaquin Rd.	W. Acushnet Ave.	118.76
Seabury	Irvington to Carlisle	1,061.48
Sears	Washington to Fair	742.65
Seventh	Union to Spring	478.73
Sharp	Rockdale Ave. 110 feet West	193.95
Shawmut Ave.	Smith to Parker	1,474.06
Smith	County to Cedar	583.00
Somerset	Hersom to Wood	763.44
Sowle	Wood to Brooklawn	791.38
Spring	Pleasant to Sixth	61.77
Spruce	Hillman to North	337.94
State	Pope to Linden ) Linden to Weld )	1,740.07
Stetson	Bedford to Morelands Terrace	450.09
Sylvia	Belleville Ave. to River Rd.	486.12
Tacoma	W. Ashley Blvd.	1,563.87
Tarkiln H. Rd.	Acushnet Ave. to Belleville Ave.) At King's Highway ) Conduit to Orleans ) Orleans to Ashley Blvd. )	4,324.88
Terry Lane	E. Acushnet Ave.	1,148.89
Tinkham	Diman to Hope	132.60
Union	County to Orchard	200.57
Vernon	Brooklawn to Hersom	627.84
Victoria	W. Ashley Blvd.	2,936.27
Walnut	W. Purchase	221.59
Washington Ave.	Pearl to Willis	265.86
WashingtonSt.	Dartmouth to Orchard	1,233.16
Weaver	Dartmouth to Field	1,007.47

## FILLING AND GRADING—1924—Continued

Street	Location	Cost
Whitlow	N. Durfee	67.46
Whitman	Hope to Belleville Ave.	526.08
White	E. Acushnet Ave.	354.44
Winsor	Bonney to Crapo	109.15
Winterville Rd.	Rockdale Ave. to City Line	2,222.73
Worcester	N. Tarkiln Hill Rd.	720.04
Miscellaneous	Sundry Streets costing less than \$50.	2,739.46
		<hr/>
		\$120,499.24
	Supervision and use of tools	5,598.82
		<hr/>
		\$126,098.06

## RETAINING WALLS

Street	Location	Cost
Brooklawn	110 Ft. W. of Acushnet Ave.	\$483.41
Hawes	North of Brockton	368.85
Polk	S. S., West of Summer	558.23
Prescott	E. S., North of Tarkiln Hill Rd.	1,194.55
Truro	N. S., West of River Rd.	639.27
Union	S. W. Cor. County	771.93
		<hr/>
		\$4,016.24



## STREET DEPARTMENT

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## BITUMINOUS CONCRETE PAVEMENT—WARRENITE

Street	Location	Sq. Yds.	Cost
*Acush. Ave.	Weld Sq to Cedar Grove		\$ 331.01
Kempton	Rockdale Ave. to Jenny Lind	1,901.80	7,845.55
**Middle	County to Cottage	1,898.25	5,211.76
Pleasant	S. of Spring (Widening)	200.60	563.54
Rockdale	Dartmouth to Cove (Incl. Surface D.)	20,468.41	95,080.63
Ave.			
Rodney Fr.	S. E. & N. W. Cors. Brock		
Blvd.	Ave. (Widening)	211.01	605.80
Sawyer	County to Summer (Car Track)	662.10	1,409.01
Spring	Purchase to Pleasant	72.86	154.06
Tarkiln Hill	Belleville Ave. to Acushnet		
Rd.	Ave. (Widening)	720.84	2,309.28
Union	Second to Purchase	1,294.82	3,085.37
	Sixth to Seventh (Widening)	489.67	1,885.55
	County to Orchard (Widening)	609.12	2,158.94
Walnut	Purchase to County	2,429.65	10,234.25
Water	Elm to Middle	93.69	218.08
	Hillman to Willis	4,801.42	11,815.28
Weld	Ashley Blvd. to Purchase	437.09	934.26
William	Second to Purchase	1,364.90	5,139.89
Misc.	Inspection, etc.		348.44
Service			21.17
Transfers			
		37,656.23	\$149,351.87

## ASBESTOPHALT PAVEMENT

Second	Union to Maxfield	5,789.53	\$15,906.46
Union	Acushnet Ave. to Purchase	390.33	1,268.22
Water	Elm to Middle	412.89	1,254.38
Weld	Ashley Blvd. to Purchase	1,137.22	2,252.89
		7,729.97	\$20,681.95
		45,386.20	\$170,033.82

Contract work—Warren Bros. Co.

Warrenite—\$2.02 per sq. yd.

Asbestophalt—\$1.65 per sq. yd.

\* From 1923.

\*\* Incomplete.

Average cost per sq. yd. base \$1.92 (Warrenite pavement).

Average cost per sq. yd. Asbestophalt complete \$2.68.



## GUTTERS

	1919	1920	1921	1922	1923	1924
Length in feet,		9,928.30	21,624.9	.....**	51,404.00	29,304.
Average width,	202.80	3.50	3.50	3.5	3.5	3.5
Area in square yards,	7,886.60	3,490.23	7,257.7	.....	18,427.00	10,229.
Cost,	\$8,862.58	\$5,047.23	\$9,437.22	\$44,362.58	\$40,791.91	\$20,771.88
Cost per square yard,	1.13	\$1.55†	\$1.30†	.....	\$2.21	\$2.03
Cost per foot in length of	\$ .44†	\$ .55†	\$ .44†	.....	\$ .79	\$ .60
average width,						
Repaired cost,	\$2,632.39	\$1,868.99	\$9,283.43	\$9,540.13	\$2,870.77	\$5,931.11

†Laying only (old cobbles from streets used over).

\*\*No measurements furnished.

## HIGHWAY IMPROVEMENT

Curbing	1919	1920	1921	1922	1923	1924
Length,		29,290.4	44,276.1	30,980.5	30,157.6	35,844.9
Cost,	21,224.87	\$65,363.79	\$113,517.13	\$80,998.38	\$82,885.24	\$71,310.50
Cost per foot,	\$34,440.66	\$2.23	\$2.57	\$2.26	\$2.26	\$2.03
Cost per foot of stone	\$.90	\$1.65	\$1.65	\$1.35	\$1.35	\$1.34
Total cost of curbing relaid,	\$1,862.64	\$6,913.27	\$5,556.90	\$5,651.98	\$5,705.43	\$9,003.98

## MACADAM LOAN ACCOUNT

Appropriation .....	\$290,000.00
Balance from 1923.....	2,938.56
Receipts .....	3,017.37
Total .....	<u>\$295,955.93</u>
Balance .....	<u>\$ 1,159.72</u>
Expenditures .....	294,796.21



# **Macadam Loan Account**

## MACADAM—PENETRATION

Street	Location	Sq. Yds.	Cost
Abbott	Ruth to East Rodney French Blvd.	1496	\$3,428.92
Ashland Place	Summer to Linden Ct.	855	1,672.07
Austin	Summer to Cedar	1494	2,365.33
Bates	Acushnet Ave. to Ashley Blvd.	2920	6,723.94
Bedford	Brownell to Palmer	907)	
	West to Brigham	939)	3,503.95
Belleville Rd.	Ashley Blvd. to Brook	2228	4,976.79
Borden	Dartmouth to Allen	1632	3,065.99
Branscomb	Felton to Orleans	1624	4,934.49
Braley Rd.	At N. B. & Freetown Line	75	150.00
Brook	Belleville Rd. to Query	1473)	
	Query to Central Ave.	909)	4,709.13
Brooklawn	Acushnet Ave. to Ashley Blvd.	5218	10,462.13
Cedar Grove	Summer to Myrtle (Pd. in 1923)	819	
Central Ave.	Ashley Blvd to Brook	1733	4,218.83
Chancery	Kempton to Smith	3022	5,957.96
Chestnut	Campbell to Robeson	4336	8,745.09
Clara	East Rodney French Blvd. to Cleveland	3620	8,006.23
Cleveland	Butler to Norman	1152	3,277.99
Clifford	Ashley Blvd. to Brook	1390	4,146.09
Clinton	Rounds to Rockdale Ave.	2144	4,469.05
Conduit	Hatch to Covell	723	2,329.91*
County	Arnold to Union	294	†
County	Court to Morgan	75	62.50
Dawson	Plympton to Conduit	902	1,593.19
Duncan	Kearsarge to Acushnet Ave.	1740	3,285.19
Edna	Wood to Brooklawn (Base)		338.78
Elizabeth	West to Brigham	944	1,385.92
Emma	Cleveland to Brock Ave.		3,000.57**
Franklin	Purchase to Pleasant	539	889.14
Glennon	Ashley Blvd. West 234 feet	722	1,322.88
Gould	Hawthorn to Priscilla		1,043.79**
Harwich	Acushnet Ave. to Orleans	5373	9,141.95
Hersom	Baylies to Waldo	1568	2,856.08
High	Water to Second	252	281.40
Hillman	Summit to Rockdale Ave.	501	813.79
Howard	Cedar Grove to Coggeshall	870)	
	Coggeshall to Beetle	658)	3,163.49
Ingraham	Kearsarge to Acushnet Ave.	1363	3,164.33

## STREET DEPARTMENT

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## MACADAM—PENETRATION—Continued

Street	Location	Sq. Yds.	Cost
Kearsarge	Hadley to Perry	1769	4,700.29
Kempton	Buttonwood to City Line		1,603.68**
Kenyon	Belleville Ave. to No. Front	730	1,485.78
Linden	County to Summer	2297	4,320.41*
Lucas	Brock Ave. to Rodney French Blvd., W.	3293	4,486.00
Maple	Palmer to Rockdale Ave.	1951	3,622.38
Marvin	Howard to Acushnet Ave.	670	1,013.18
Meriam	Bedford to Morelands Terrace	1419	2,395.49
Middle	Emerson to Park	868	1,152.95
Morelands Tr.	Ash to Page	2633	4,298.48
Moynan	Brooklawn to Wood	938	1,622.87
Newton	Court to Elm	1088)	
	Elm to Kempton	1664)	3,879.31
Norman	Cleveland to Brock Ave.	1368	3,522.97
Oaklawn	Brock Ave. to Rodney French Blvd., W	2512	3,805.03
Orchard	Bedford to Rotch Ct.		616.93**
Orleans	Harwich to Hersom	926	1,996.63
Palmer	Bedford to Ryan	510	1,132.24
Perry	Belleville Ave. to Acushnet Ave.	2240	4,803.13
Plympton	Harwich to Dawson	399	516.04
Pope	County to Summer	1283	2,397.58
Reed	Court to Kempton	2058	2,845.25
River Rd.	Wood to Tarkiln Hill Rd.	3043	8,165.06
Robeson	Cottage to Cedar	632	825.86
	Shawmut Ave. to Cemetery	1258	1,885.98
Rockdale Ave.	Court to Union	248	166.14
	Dartmouth to Allen	3362	(Pd. Fr.)
	Hillman to Maxfield	802	Warrenite)
	Milton to Kempton (Base)		413.93
Rounds	Clinton to Arnold	466)	6,021.19
	Maple to Clinton	531)	1,751.83
Russell	Sixth to County	1077	1,869.60
Sassaquin Rd.	Driveway into Sanitarium	200	961.26
Sears	Washington to Fair	655	1,070.38
Seventh	Union to Spring	571	1,187.15
Shawmut Ave.	Smith to Parker	2394	5,876.77
Smith	County to Summer	872	1,719.83
Sowle	Brooklawn to Wood	886	2,152.25
Spring	West of Pleasant (S. S. Widen)	282	440.24



## MACADAM—PENETRATION—Continued

Street	Location	Sq. Yds.	Cost
Spruce State	Hillman to North Linden to Weld	855 1387)	1,983.13
Stetson	Pope to Linden	3815)	9,228.52
Sylvia	Bedford to Morelands Terrace	1035	1,903.69
	Belleville Ave. to Acushnet Ave.	2184	4,538.76
Tarkiln Hill Rd.	Acushnet Ave. to Conduit	1868)	
Thompson	Conduit to Ashley Blvd.	6811)	19,391.26*
	Orchard to Bolton		1,064.84**
Vernon	Brooklawn to Hersom	1266	2,226.20
Washington Ave.	Willis to Pearl	443	978.95
Washington St.	Orchard to Dartmouth	1557	3,767.03
Weaver	Dartmouth to Field	1288	2,092.55
Winsor	Crapo to Bonney	651	1,454.97
Winterville Rd.	Rockdale Ave. to Dartmouth Line	2390	4,311.64
		129955	\$263,152.52
	Supervising and sealcoating penetration macadam 1923		24,574.69
	Charges to other accounts		3,779.13
			\$291,506.34

†Penetration gutter.

\*Carried fwd. to 1925.

\*\*Brot. fwd. from 1923.

Average cost per sq. yd.—\$1.75.

## WATER BOUND MACADAM

Street	Location	Sq. Yds.	Cost
Pinnerie St.	West of Brownell Ave.	795	*
Shawmut Ave.	Plainville Rd. to Turner's Pond Bridge	3342	\$3,289.87
			\$3,289.87

\*Paid by Highways and Streets.

# Bridges

## BRIDGES

Appropriation .....	\$33,000.00
Expenditures .....	32,295.07
Balance .....	<u>\$ 704.93</u>

## New Bedford and Fairhaven Bridge.

## Expenditures:

Operating draw	\$12,020.57
Sweeping	2,731.61
Maintenance, supplies	1,191.38
Repairs to bridge	3,357.45
Repairs to draw	1,607.52
Repairs to roadway	3,732.14
Electric power to operate draw	990.00
Life preservers	192.00
Painting	3,167.82
Traffic signs and police service	145.25
Snow removal	33.66
Telephone service	83.68
	<u>\$29,253.08*</u>

## Coggeshall Street Bridge.

Opening draw	\$ 183.55
Repairs and re-planking	2,836.29
Life preservers	9.15
Painting	13.00
	<u>\$3,041.99**</u>

\*One-fifth share to Town of Fairhaven—\$5,490.62.

\*\*One-fourth share to Town of Fairhaven—\$760.50.

\$1,800.00 for damages to bridge paid by Gillespie Steamship Corporation—Steamer "Bacoi".

**ANNUAL REPORT OF THE NEW BEDFORD AND  
FAIRHAVEN DRAWBRIDGE**

**Year Ending December 31, 1924.**

Month	Boats	Tugs	Barges	Schooners	Steamers	Craft	Openings	Tons
January	8	200	49	0	26	283	193	37,850
February	1	170	39	0	32	242	164	30,150
March	9	273	142	0	30	454	256	44,475
April	103	197	47	0	43	390	270	30,125
May	95	152	30	2	35	314	230	26,475
June	100	98	35	0	38	271	223	18,650
July	99	144	32	0	30	305	236	26,600
August	128	137	31	0	26	322	252	34,000
September	56	158	39	0	18	271	194	22,075
October	88	182	59	0	20	349	251	32,250
November	55	182	39	0	26	302	204	35,425
December	12	166	33	0	22	233	149	37,650
Totals, 1924	754	2,059	575	2	346	3,736	2,622	375,725
Totals, 1923	1,058	2,378	513	12	396	4,357	2,998	461,075

**COMPARATIVE TABLE  
NEW BEDFORD AND FAIRHAVEN DRAWBRIDGE**

Year	Boats	Tugs	Barges	Schooners	Steamers	Craft	Openings	Tons
Oct. 11								
1900	165	118	60	23	0	350	266	
1901	1092	494	363	134	0	2760	2083	152,300
1902	1242	452	185	164	0	2690	2043	160,155
1903	991	624	294	152	0	2832	2061	195,250
1904	1343	411	235	67	0	2726	2038	154,085
1905	1447	1261	665	73	69	3515	2361	235,400
1906	1881	822	258	84	71	3116	2300	225,050
1907	1836	1266	421	82	73	3667	2704	317,400
1908	1436	2304	1161	131	83	5115	3434	335,950
1909	2370	1997	981	143	211	5702	4037	314,300
1910	2589	1522	591	88	93	4683	3404	336,550
1911	1707	1630	772	31	73	4212	2982	350,100
1912	1506	1995	789	64	136	4490	3289	411,200
1913	1888	1706	716	8	277	4595	3349	443,800
1914	2274	1278	510	30	259	4351	3282	363,650
1915	1968	1444	550	38	213	4213	3042	346,050
1916	2433	2105	754	79	359	5730	4146	463,950
1917	1946	2137	820	86	247	5236	3654	463,900
1918	926	2148	544	52	317	3986	2614	625,900
1919	1515	2354	638	50	120	4677	3494	382,425
1920	1202	3281	1389	54	227	6153	3807	512,815
1921	1373	2449	801	34	352	5009	3411	360,240
1922	1106	1563	234	63	433	3499	2622	360,975
1923	1058	2378	513	12	396	4357	2998	461,075
1924	754	2059	575	2	346	3736	2622	375,725

Totals..... 72,043

## **Sewers and Drains**



## STREET DEPARTMENT

## SEWERS AND DRAINS

Appropriation .....	\$ 55,000.00
Receipts .....	68,030.09
Total .....	\$123,030.09
Expenditures .....	115,725.17
Balance .....	\$ 7,304.92

## NET EXPENDITURES

Appropriation .....	\$ 55,000.00
Balance .....	7,304.92
Net .....	\$ 47,695.08

## GROSS EXPENDITURES

Auto truck	\$ 1,628.10
Catch-basins, cleaned (hand cleaning)	6,797.39
Catch-basins, cleaned (Eductor)	1,563.64
Catch-basins, cleaned (Netco)	8,859.68
Catch-basins, repaired	3,345.48
Culverts, cleaned	64.06
Culverts, repaired	177.20
Culverts, new	604.12
Eyeholes, cleaned	48.21
Eyeholes, repaired	99.23
Manholes, cleaned	12.08
Manholes, repaired	507.09
Sewers, cleaned	1,072.61
Sewers, repaired	203.57
Surface drains, cleaned	40.05
Surface drains, new—	
Belleville Ave. at Tarkiln Hill Rd.	
Chaffee St., E. Acushnet Ave.	
Clark St., E. Reynolds	
N. S. Luke, W. of Rockdale Ave.	
Menton St., E. Lowell	
North St., bet. Jenny Lind and Rockdale Ave.	
River Rd., south of Howard Ave.	
Rockdale Ave., south of Allen St.	
E. S. Rockdale Ave., head of Brier St.	
Scott St., E. of Crapo	
Tarkiln Hill Rd., E. of Acushnet Ave.	
Terry Lane, E. of Acushnet Ave.	
Turner St., between Durfee and Grand	2,524.03
Surface drains, repaired	108.46
Catch-basin drains, cleaned	9.64
Catch-basin drains, repaired	168.65
Drains to houses, new, repaired and cleaned	27,685.76
Tools, new and repaired	650.13
Stock, carting and handling	2,045.53

## STREET DEPARTMENT

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Supplies	34,835.05
Track drains, repaired	11.01
Transfer to macadam loan account	20,000.00
Miscellaneous charges	2,664.40
	<u>\$115,725.17</u>

## DRAINS LAID

Number	Size of Pipe	Length feet	Cost
7	4 inch	94	\$ 45.41
1	5 inch	60	106.65
528	6 inch	15,780	28,173.77
7	8 inch	292	1,431.81
2	10 inch	140	411.35
1	12 inch	62	198.90
546		16,428	<u>\$30,367.89</u>

548 new drains laid — cost	\$30,367.89
10 drains relaid	749.51
76 drains repaired	1,154.55
464 drains cleaned	1,100.50
Total cost .....	<u>\$33,372.45</u>



**Sewer Construction  
Account**

## SEWERS

Street	Location	Type of Construction	Lgth. in Feet	Size	Cost
Acushnet Ave.	Peckham Rd. to Ivers	Clay Pipe	1018	10" 12"	\$1,828.83
Acushnet Ave.	Joyce to Bowles	" "	606	15" 18"	5,966.95
*Acushnet Ave.	So. Line Pine Grove Cem. to Joyce	" "		12" 15"	2,337.85
Arnold	Armour to Reed	" "	908	10" 12" 15"	3,671.74
Ashley Blvd.	Irvington N. 1320'	" "	576	10" 12"	6,000.76
Belair	Acushnet Ave. West 110'	" "	150	10"	613.45
*Bliss	Bolton to Dartmouth Line	" "	224	15"	1,552.88
Bowles	Acushnet Ave. West 303'	" "	303	10"	748.50
Branscomb	W. L. Orleans E. 256'	" "	256	10"	1,276.14
**Church-Park Ave.	S. Brooklawn Northerly West	C. P. & Conc.	1554	24"	21,039.68
*Church	N. Irvington Northerly 740'	Clay Pipe		24"	6,586.87
*Clifford	E. of Brook to Church	" "	691	10" 12" 18"	613.61
David	Outlet Extended	" "	36	12"	
Davis	Church St. West 100'	C. Iron	12	12"	675.31
*Dewolf	240' North of Durfee	Clay Pipe	146	8"	539.96
*Dutton	Wendover to Beechwood	" "	520	10"	94.30
Fairmount	Jenny Lind East 250'	" "	549	8"	136.72
*First	Cove Rd. North 482'	" "	285	8"	1,060.79
*Glennon	Brook East 400'	" "	504	10"	41.68
*Harwich-Felton	Dawson to Orleans	" "	430	10"	1,852.96
*Hawthorn	50' W. Rockdale Ave. W. 704'	Seg. Blk.	680	30"	629.42
*Hawthorn	E. L. Rockdale Ave. W. 130'	Clay Pipe	572	18"	19,113.80
*Howard Ave.	River Rd. to Acushnet Ave. to Perry	" "	130		387.39
Humphrey	Belleville Ave. W. 243'	C. Iron	724	16"	1,053.98
*Kempton	Brownell Ave. to Dartmouth Line	Clay Pipe	281	10"	2,200.33
King	262' S. Central Ave. N. 233'	" "	748	10"	127.60
Moss	Butler St. S. 340'	" "	233	8"	850.53
Nash Rd.	Purchase to Mt. Pleasant	" "	340	10"	1,824.70
		" "	990	8" 10" 12"	2,564.53

## SEWERS—Continued

Street	Location	Type of Construction	Lgth. in Feet	Size	Cost
*Orleans	Harwich N. 460'	C. Iron		16"	
Plymouth	Rockdale Ave. W. 302'	Clay Pipe	509	10"	188.03
*Richard	Bolton to Dartmouth Line	" "	383	15"	3,009.53
*Robeson	Caroline Easterly 431'	" "	357	12" 15"	158.45
*Rockdale Ave.	Schofield to 92' S. of Allen	" "	456	8"	270.68
Roy	Ryan to Hawthorn	" "	525	12" 15" 18"	11,268.54
Ryan	Wood St. South 450'	" "	608	10" 15" 18"	90.18
Shaw	E. L. Rockdale Ave. W. 60'	" "	447	10"	1,987.97
Smith	Church St. East 558'	" "	60	15"	286.06
*Hadley	Flagg to Lindsey	" "	462	10"	2,327.03
*Sowle	352' W. Kearsarge W. 138'	" "	392	15" 18"	1,840.82
*Spring	Wood St. South 350'	Clay Pipe	138	8"	73.17
*Stetson	Purchase West 106'	" "	377	10"	30.25
*Summer	99' North of Bedford N. 255'	" "	106	18"	198.11
Summit	Buchanan North 100'	" "	255	10"	874.44
Sycamore	Maxfield South 227'	" "	138	8"	38.89
Tacoma	Liberty East 216'	" "	227	8"	921.57
Tarklin Hill Rd.	Acushnet Ave. to Ashley Blvd.	" "	248	8"	673.17
(Surface Drain)	Pine Grove to Ashley Blvd.	" "	430	10"	1,592.64
**Tarklin Hill System	Mill Rd., Mazeppa, etc.	" "	1091	8" 10" 12" 15"	2,882.17
		Concrete		54"	
		Seg. Blk.	2273	30" 60" 66"	
*Tarklin Hill Rd.	From E. of Conduit to Pine Grove	Clay Pipe		72"	68,264.43
*Transit	Frank North 180'	" "	1864	10" 12"	331.60
*Victoria	Acushnet Ave. to Ashley Blvd	" "	210	10" 15"	120.30
Winterville Rd.	726' W. Rockdale Ave. W. 432'	" "	231	10"	59.88
		" "	432	12" 15"	2,925.14
					\$185,804.31

\*From 1923.

\*\*Carried fwd. to 1925.



## NEW CATCH-BASIN ACCOUNT

Appropriation .....	\$10,000.00
Balance brought forward from 1923 .....	10,151.56
Receipts .....	694.68
Total .....	<u>\$20,846.24</u>
Expenditures .....	<u>20,780.24</u>
Balance .....	\$ 66.00

## EXPENDITURES

Catch-basins, new .....	\$16,425.79
Catch-basin drains, new .....	791.22
Eyeholes and inlets, new .....	1,011.58
Manholes, new .....	1,088.84
Miscellaneous charges .....	<u>1,462.81</u>
	\$20,780.24

## STREET DEPARTMENT

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## CATCH BASINS—NEW

Street	Location	Cost
Acushnet Ave.	E. S., N. Tarkiln Hill Rd.	\$100.84
	N. E. Cor. Terry Lane	231.45
Allen	N. E. Cor. Byron	160.39
Ashley Blvd.	N. E. Cor. Victoria	224.00
Austin	N. E. Cor. Caroline	206.62
	N. S., W. Purchase	182.79
Belleville Ave.	N. W. Cor. Tarkiln Hill Rd.	211.67
Borden	S. E. Cor. Bedford	192.12
Branscomb	S. W. Cor. Orleans	233.87
Bridge Park	N. W. Cor. Water	164.24
Brock Ave.	S. E. Cor. W. Rodney French Blvd.	191.03
Brownell Ave.	W. S., N. Pinette	175.24
Caroline	N. E. Cor. Durfee	191.02
	N. E. Cor. Willow	180.84
Church	S. E. Cor. Princeton	197.37
	N. W. Cor. Irvington	181.20
Church	S. E. Cor. Clifford	209.00
	W. S., hd. Princeton	188.24
	N. E. Cor. Princeton.	196.85
Clifford	N. E. Cor. Brook	202.41
Coggeshall	S. E. Cor. Belleville Ave.	222.56
Crapo	S. E. Cor. Rockland	150.39
Elm	N. E. Cor. Francis	207.66
Felton	S. W. Cor. Branscomb	192.77
First	N. W. Cor. Jennings	201.93
Freeman	N. W. Cor. Ellen	213.44
Glennon	S. W. Cor. Edison	180.03
Hadley	N. W. Cor. Kearsarge	191.46
Harwich	S. W. Cor. Felton	213.76
	S. W. Cor. River Rd.	189.42
Hawthorn	N. W. Cor. Cottage	178.24
Irvington	N. E. Cor. Church	218.17
	N. E. Cor. Seabury	191.00
Kearsarge	N. W. Cor. Duncan	187.51
Kingston	N. W. Cor. Dawson	189.12
Kirby	N. W. Cor. Allen	202.88
Matthew	N. S., W. Rockdale Ave.	177.24
	S. S., W. Rockdale Ave.	188.30
Maxfield	N. W. Cor. Carney	182.51
	N. W. Cor. Flagg	219.06
	N. W. Cor. Hunter	197.58
	N. W. Cor. Lindsey	185.81

## CATCH BASINS—NEW—Continued

Street	Location	Cost
Maywood	N. E. Cor. Irvington	194.18
Merrimac	S. W. Cor. Purchase	193.64
Milford	N. W. Cor. Carlisle	203.97
Orleans	S. W. Cor. Harwich	187.24
Osborn	S. W. Cor. Hemlock	193.92
Palmer	N. E. Cor. Union	211.64
Peckham Rd.	N. E. Cor. Acushnet Ave.	251.47
	S. E. Cor. Acushnet Ave.	250.12
Pinette	S. W. Cor. Brownell Ave.	182.50
Perry	N. W. Cor. Belleville Ave.	200.50
Richmond	N. E. Cor. Mt. Vernon	209.98
Ridge	N. E. Cor. Alden	181.75
	N. W. Cor. Alden	183.39
River Rd.	E. S., End Hamblin	207.34
	N. W. Cor. Hamblin	194.94
	S. W. Cor. Hamblin	220.97
Rockdale Ave.	W. S., Hd. Arnold	196.11
	E. S., No. Brier	173.46
	N. W. Cor. Brier	172.64
	S. W. Cor. Court	190.20
	N. W. Cor. Sharp	182.15
Rounds	N. E. Cor. Clinton	202.60
Salisbury	S. W. Cor. Ruth	208.96
Second	E. S., N. Middle	140.21
Smith	S. W. Cor. Lindsey	180.24
Sycamore	N. E. Cor. Emerson	177.58
	N. E. Cor. Liberty	197.27
Sylvester	N. E. Cor. Caroline	199.04
Sylvia	N. W. Cor. Brightman	211.39
Shaw	S. E. Cor. Church	177.43
Tarkiln H. Rd.	S. W. Cor. Chatham	189.22
	S. W. Cor. Flint	157.95
	S. W. Cor. Somerset	168.19
	S. W. Cor. Tisbury	172.22
	N. W. Cor. Yates	185.66
Tilton	N. E. Cor. Caroline	73.38*
Union	S. W. Cor. Sixth	156.52
Whitman	N. W. Cor. Belleville Ave.	209.16
	N. W. Cor. Desautels	219.34
William	S. W. Cor. Second	182.90
Woodlawn	N. E. Cor. Freeman	209.38
		<hr/> \$16,275.67

\*Unfinished.

Average cost per basin—\$195.20.

## NEW EYEHOLE AND INLETS—1924

Street	Location	Cost
Acushnet Ave.	E. S. S. Peckham Rd.	\$113.44
Arnold St.	N. W. Cor. County	101.96
Austin St.	S. S. W. Purchase	150.12
Brooklawn St.	N. W. Cor. Landry	65.98
County St.	N. W. Cor. Arnold	102.56
	S. W. Cor. Union	139.45
Hawthorn St.	S. E. Cor. Rockdale Ave.	138.22
State St.	N. W. Cor. Merrimac	64.89
Union St.	S. W. Cor. County	117.48
	S. W. Cor. Sixth	79.16
Walnut St.	N. S. W. Purchase	88.44
		<u>\$1,161.70</u>

## MANHOLES—NEW—1924

Street	Location	Cost
Clark St.	E. Reynolds	\$204.82
Cornell Place	W. Ashley Blvd.	84.50
Gifford St.	Square of Harbor	78.72
Howard Ave.	At Pumping Station	406.53
Rodney St.	234' W. Rodney French Blvd. East	107.51
Sargent Field		206.76*
		<u>\$1,088.84</u>

\*Paid from Sargent Field Fund.

CITY OF NEW BEDFORD.

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IN BOARD OF ALDERMEN,  
April 9, 1925.

Received, ordered printed in the city documents,  
and sent down for concurrence.

RODOLPHUS A. SWAN,  
City Clerk.

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IN COMMON COUNCIL.

April 9, 1925.

Concurred.

RUTH G. HILTON,  
Clerk.







CITY OF NEW BEDFORD, MASS.

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**Fifty-Fifth Annual Report**

OF THE

**NEW BEDFORD WATER BOARD**

TO THE

**CITY COUNCIL**

CONTAINING

I

THE REPORT OF THE WATER BOARD FOR 1924.

II

THE REPORT OF THE WATER REGISTRAR.

III

THE REPORT OF THE SUPERINTENDENT

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**January 1, 1925**

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NEW BEDFORD, MASS.  
THE A. E. COFFIN PRESS—PRINTERS  
1925

## NEW BEDFORD WATER BOARD

1925.

EDWARD R. HATHAWAY....	{ Mayor of City and President of Water Board
EDWARD F. DELANEY .....	President of Common Council
THOMAS F. GLENNON.....	Term expires June 1925
JAMES O. THOMPSON, JR.....	Term expires June 1926
ABBOTT P. SMITH.....	Term expires June 1927

STEPHEN H. TAYLOR.....	<i>Clerk of Board and Supt.</i>
ELLSWORTH B. TOLMAN.....	<i>Assistant Superintendent</i>
ALFRED BRADLEY.....	<i>Water Registrar</i>
GEORGE F. BURGESS.....	<i>Chief Pumping Engineer</i>
JOHN C. DEMELLO, JR.....	<i>Foreman, Distributing System</i>
E. MAUDE BUTTS.....	<i>Clerk</i>
DOROTHY ALTMAN.....	<i>Stenographer</i>
WARREN TATTERSALL.....	<i>Water Registrar's Clerk</i>
FRANK M. HAMLIN.....	<i>Water Registrar's Clerk</i>
LESTER F. SPOONER.....	<i>Water Registrar's Clerk</i>
RANDALL S. COE.....	<i>Water Registrar's Clerk</i>
ARTHUR F. COLWELL.....	<i>Inspector</i>
THOMAS RAWCLIFFE .....	<i>Inspector</i>
ROBERT G. REFUSE.....	<i>Inspector</i>
GEORGE HUTCHINSON.....	<i>Inspector</i>
WALTER GARDNER.....	<i>Inspector</i>
WENDELL M. HARDY.....	<i>Inspector</i>
PETER CARTER, JR.....	<i>Inspector</i>
THOMAS RAWCLIFFE, JR.....	<i>Inspector</i>
ROMEO LANGLOIS.....	<i>Inspector</i>

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IN MEMORIAM

**CLIFFORD BAYLIES**

Born April 27, 1852

Died July 24, 1924

Inspector and clerk New Bedford Water Department  
from March 26, 1890 to Sept. 4, 1903.

Water Registrar from Sept. 4, 1903  
to July 24, 1924.

WHEREAS: in the death of

CLIFFORD BAYLIES

this Board feels the loss of a most valued official

RESOLVED: That in appreciation of the services which Mr. Baylies has rendered the City for many years, we now place upon record this expression of his worth and our regard for his memory.

He was a faithful employee of the City and this Board; and the duties devolving upon him were efficiently performed.

RESOLVED: That these resolutions be spread upon the records of this Board and a copy be sent to the family of the deceased.

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CITY OF NEW BEDFORD, MASS.  
OFFICE OF THE NEW BEDFORD WATER BOARD,

DECEMBER 30, 1924.

*To the City Council of the City of New Bedford:*

GENTLEMEN:—Complying with the provisions of Section 91 of the City Ordinance, the New Bedford Water Board herewith respectfully submits its fifty-fifth annual report. Accompanying and incorporated with it are the reports of the Superintendent and Water Registrar. These describe in detail the operations of the past year.

On June 26th, Mr. Abbott P. Smith was re-elected a member for the term of three years. On October 14th, Mr. Frederic H. Taber presented his resignation to take effect when his successor is elected by you. No successor has been elected.

Mr. Clifford Baylies, who has served this Board long and faithfully in various capacities from Inspector to Water Registrar, died on July 24, 1924. Mr. Alfred Bradley, a clerk in the Water Registrar's Office, was elected Water Registrar, August 6, 1924.

Mr. Lester F. Spooner has been promoted from meter inspector to clerk in the Water Registrar's office and Mr. Romeo Langlois has been appointed meter inspector.

# WATER REPORT

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The following abstract from the Water Registrar's report shows in condensed form the financial operations of the past year.

## RECEIPTS

Balance December 1, 1923 .....		\$ 35,544.25
Receipts from water rates .....	\$387,378.60	
Receipts from other sources .....	67,268.71	
Receipts from Bond Acct., Chap. 65, Acts of 1923 .....	223,822.03	678,469.34
		<u>\$714,013.59</u>

## PAYMENTS

Management and repairs .....	\$224,271.15	
Extension of works .....	89,256.15	
Extension of Works, Bond Acct. Chap. 65	223,822.03	
Interest paid .....	108,965.00	
Bonds paid .....	50,000.00	696,314.33

Balance December 1, 1924 ..... \$ 17,699.26

Less Amount diverted by City Auditor ..... 24.50

Balance cash in Treasury, December 1, 1924..... 17,674.76

This balance agrees with the City Auditor's account.

The total outlay for the construction of these works  
exclusive of debt, interest and management and  
repairs accounts through 1923 was \$5,545,234.2

## Increase 1924

Lands bought around ponds .....	3,700.00	
Second intake Little Quittacas Pond ...	180,849.03	
Distribution .....	74,055.26	258,604.29

Net cost of works to December 1st .....\$5,803,838.31



The following statement of receipts and expenditures for the past twelve years is of interest, as it shows the increased expenditures for extensions, as well as interest, maintenance and repairs, demanded by the increasing growth of the city:

### RECEIPTS AND EXPENDITURES SINCE 1913.

	Receipts for Water	Total Receipts	Maintenance Interest and Bonds	Extensions	Total Expenditures	Balance first of year	Spent by City Council
1913	\$288,350.02	\$310,074.70	\$227,207.44	\$ 89,128.38	\$316,335.82	\$ 40,110.55	\$ 38,483.43
1914	303,487.60	325,095.69	230,997.75	85,222.87	316,220.62	-4,634.00	
1915	304,717.29	343,938.79	241,709.76	80,897.97	322,607.73	4,241.07	
1916	336,878.45	371,973.52	239,667.78	125,037.68	364,725.46	25,572.13	
1917	360,958.00	398,067.15	267,278.78	128,061.32	395,340.10	32,820.19	
1918	371,429.86	396,704.43	323,000.50	69,221.04	362,221.54	35,547.24	30,000.00
1919	375,758.66	406,481.37	272,087.60	70,504.17	342,591.77	40,030.13	
1920	400,846.11	446,260.50	307,199.41	*293,154.70	*600,354.11	103,919.73	
1921	346,799.64	*571,463.65	323,350.45	130,299.63	453,650.10	-50,173.88	
1922	377,217.42	408,116.55	366,516.98	143,884.98	510,401.96	67,639.67	
1923	416,765.00	*1,231,635.81	368,596.61	*792,846.97	*1,161,443.58	-34,645.74	
1924	387,378.60	*678,469.34	383,236.15	*313,078.18	*696,314.33	35,544.25	
1925						17,674.76	

\*Includes receipts, Bond Account— (Chapter 232, Acts 1921—\$676,110.81  
(Chapter 65, Acts 1923—283,028.72

The remainder of the bonds authorized under Chapter 65, Acts of 1923; viz., \$150,000 were issued this year on account of the progress of the work on the new 60 inch intake into Little Quittacas Pond, and the demands for extension of main pipe.

The new 60 inch intake pipe at Little Quittacas Pond is completed. This provides a duplicate supply from Little Quittacas Pond to the pump well in the pumping station and removes the danger of a shortage of water in the city, which might result from being obliged to stop the pumps for several days on account of anchor ice or floating material clogging the screens of the old intake. Its entrance is located under the lee of the west shore of the pond and the chances of both intakes being clogged at the same time are very remote.

The bill permitting the joint use of the waters of Long, Assawompsett and Pocksha Ponds by New Bedford, Fall River and Taunton, described in the last report, was passed by the Legislature with few minor changes.

The following is a copy of the act:—

[CHAP. 400.]

An Act authorizing the cities of Fall River, New Bedford and Taunton to increase and protect their water supply.

**Be it enacted, etc., as follows:**

SECTION 1. The city of Fall River, by its reservoir commission, for the purpose of supplying water to its inhabitants and protecting the purity of such water, is hereby authorized to take by eminent domain under chapter seventy-nine of the General Laws, and to hold and use, as hereinafter specified, the waters of Long pond in the towns of Lakeville and Freetown, with all water rights, brooks, streams, water sources and tributaries connected with and flowing into said pond. The said city, by its reservoir commission, may also take under the said chapter, or acquire by purchase or otherwise, and hold, all lands, rights of way and other easements necessary for collecting, storing, purifying, preserving and protecting such water and for conveying the same to any part of the said city; provided, that the location of all dams, reservoirs or structures to be used for the storage of such water supply shall be subject to the approval of the department of public health.

SECTION 2. The said city before drawing water for its water supply from the said Long pond shall acquire all right, title and interest in and to the waters of North Watuppa pond in the city of Fall River and town of Westport, and shall use the same through its distributing mains, and thereafter shall draw from the said Long pond only such water as shall be required, in addition to the waters of said North Watuppa pond, to furnish an adequate supply of water to the said city through its distributing mains in said city and to such towns as it may hereafter be required or permitted to furnish with water. The waters of said Long pond, which are not so required, shall be permitted to flow from the said pond into Assawompset pond for the benefit of the cities of New Bedford and Taunton and such cities, towns, persons and corporations as have, or under this act are permitted to acquire, rights in the waters of said Assawompset pond and the tributaries thereof; and the city of Fall River, if a dam is constructed at the outlet of Long pond, as hereinafter provided, shall, upon the request of the cities of New Bedford and Taunton, or either of them, evidenced by a duly attested vote of the water board of the city of New Bedford or of the water commissioners of the city of Taunton, permit a sufficient quantity of water to flow from Long pond into Assawompset pond to maintain a difference not exceeding six inches in the surface elevation of the two ponds.

Upon the request of said cities of Taunton and New Bedford or either of them, evidenced as aforesaid, the said city of Fall River shall construct and maintain, at the expense of the three cities in the proportions as provided in section seven, a dam at the outlet of said Long pond into said Assawompset pond for the purpose of storing and controlling the waters of said Long pond for the uses of said cities of Fall River, Taunton and New Bedford, and the towns hereinafter referred to.

SECTION 3. For the purposes of an additional water supply the city of New Bedford by its water board and the city of Taunton by its municipal council are hereby authorized jointly to take by eminent domain under said chapter seventy-nine, and to hold and use, all the waters of Assawompset and Pocksha ponds in the towns of Lakeville and Middleborough, and all water rights, brooks, streams, water sources, and tributaries connected with and flowing into said ponds, excepting Long pond, as provided in this act, and excepting Great and Little Quittacas ponds.

Either of said cities may act under the provisions of this section relating to the taking of water, and upon so doing may call upon the other city and the city of Fall River, by request evidenced as aforesaid, for their respective proportions of the payments made therefor, as hereinafter provided. Upon the taking by both or either of the said cities of such waters, each shall have the right to draw from the same, subject to the provisions of the following section, such water as shall be required, in addition to present sources, to furnish an adequate supply

through its distributing mains to such city and to such towns as it now furnishes or may hereafter be required or permitted to furnish with water. Nothing in this act shall be deemed to impair the existing rights of the cities of New Bedford and Taunton in said Assawompset and Pocksha ponds, except as herein otherwise provided, or of the city of New Bedford in said Great and Little Quittacas ponds, or in any of the ponds or brooks, streams, water sources and tributaries connected with and flowing into said ponds, except that, if the waters of Long pond are taken under this act by the city of Fall River, the rights of said cities of New Bedford and Taunton in said Long pond, other than those reserved in this act, shall cease.

The city of New Bedford, by its water board, may take by eminent domain under said chapter seventy-nine, or acquire by purchase or otherwise, and hold, all lands, rights of way and easements upon the shores or within the watershed of said Pocksha pond, and upon the shores or within the watershed of said Assawompset pond lying easterly of a line from the Nemasket river to Tammatt brook, so called, and extending along the thread of said river and brook, for the purpose of collecting, storing, purifying, preserving and protecting the waters of said ponds and for conveying the same to the said city, and for the like purpose the said city of Taunton, by its municipal council, make take by eminent domain under said chapter seventy-nine, or, by its water commissioners, may acquire by purchase or otherwise, and hold, all lands, rights of way and easements upon the shores or within the watershed of said Assawompset pond lying westerly of the line, as aforesaid.

The location of all dams, reservoirs or structures to be used for the storage of such additional water supply shall be subject to the approval of the department of public health.

**SECTION 4.** No one of said cities of Fall River, New Bedford and Taunton without the written approval of both of the other cities, as evidenced by a duly attested vote of the said reservoir commission, water board or water commissioners, as the case may be, shall, in any calendar year, draw water from the said Long, Assawompset and Pocksha ponds in excess of the following daily averages:—Fall River, eleven and one half million gallons; New Bedford, eleven and one half million gallons; Taunton, eight million gallons.

If at any time it shall appear that the waters of said Long, Assawompset and Pocksha Ponds, as herein apportioned, have become or are about to become insufficient to furnish an adequate supply to the cities of Fall River, New Bedford and Taunton, or any of them, or to such towns as they now furnish or may hereafter be required or permitted to furnish with water, and if said cities cannot agree upon a reapportionment of said waters, any one of

said cities may apply to the department of public health for a reapportionment, and such reapportionment shall, after notice to all of said cities and a hearing, be made by said department. In determining such reapportionment the city of Taunton shall be allowed all the waters of Assawompset pond required for its needs up to the amount apportioned as herein provided, and the remainder shall be apportioned between the cities of New Bedford and Fall River. In making such reapportionment, the department shall take into consideration the respective existing and probable future populations and water consumption of said three cities, all their existing supplies of water for any purposes, and their ability to secure water from other sources. The decision of said department shall be final and binding, but any one of said cities may apply for a new reapportionment, to be made by said department; provided, that no reapportionment hereunder shall be made within five years after any previous reapportionment. The expense of any reapportionment, as herein provided, shall be paid by said cities in proportions to be determined by said department.

If by reason of the taking of waters at the source by any of the towns named in section five the remaining waters are insufficient to furnish the maximum amounts provided in this section, the amount so taken shall be deducted from the waters herein apportioned to said cities in the ratio of the maximum drafts as provided as aforesaid.

SECTION 5. If the waters of said Assawompset and Pocksha ponds are taken by the cities of New Bedford and Taunton, or either of them, the town of Lakeville or Middleborough may draw at the source water from said ponds, or upon application filed with the said cities, may be furnished with such water by either of the said cities, and the town of Acushnet, Dartmouth, Raynham, Fairhaven, Dighton, Berkley, Freetown, Carver, Wareham, Marion, Rochester or Mattapoisett, upon such application, may be furnished with water by either of the said cities. If the waters of Long pond are taken by the city of Fall River, the town of Lakeville or Freetown may draw at the source water from said pond, or upon application filed with the said city, may be furnished with such water by said city, and the town of Swansea, Somerset or Westport, upon application filed with the said city, may be furnished by said city with water from the said Long pond. Upon any application made under this section the manner and terms of supplying or furnishing such water, if not agreed upon, shall be fixed by a board of commissioners as provided in section six; but none of said cities shall be required without its consent to construct or maintain in any town to which it is to furnish such water, or in any intervening town, any pumping station, dam, reservoir, filter bed or distributing system. The said cities and towns, or any of them, may take by eminent domain under said chapter seventy-nine, or acquire by purchase or otherwise, any lands, rights of way or easements necessary to carry into effect the provisions of this section.



SECTION 6. Nothing in this act shall be deemed to repeal any existing acts or parts thereof relative to the rights of the town of Middleborough or of the Middleborough Fire District in the waters of said Assawompset pond, but if the cities of New Bedford and Taunton, or either of them, take under this act the waters of said pond and the said town or district thereafter draws or diverts any of the said waters, the said town or district so drawing or diverting water shall pay to the said cities a proportionate part of the expense, already or thereafter to be incurred, of erecting and maintaining dams or other structures and of the taking or purchasing of lands or buildings for the common benefit, and to said cities and the city of Fall River a proportionate part of all damages and expenses which have been or may be recovered from or paid by the said cities of Fall River, New Bedford and Taunton by reason of the taking by them of the waters of said Long, Assawompset and Pocksha ponds. In case the said town or said district, or any of the towns named in section five of this act, and the said cities of Fall River, New Bedford and Taunton do not agree upon any apportionment under this act, or in case the manner and terms of supplying or furnishing water under section five of this act are not agreed upon, the same shall be determined by a board of three commissioners, none of whom shall be a resident of Plymouth or Bristol county, to be appointed as follows:—The said town of Middleborough or said District, or, in cases arising under section five of this act, the town applying for water under the provisions of said section, shall appoint one commissioner, the said city or cities affected, through their respective boards, as aforesaid, jointly one commissioner, and the two so chosen shall select the third commissioner, who shall be chairman of the board. If said two commissioners shall be unable to agree on the selection of the third commissioner, or if said cities shall be unable to agree on a commissioner, said commissioner or commissioners shall be appointed, upon petition of any city or town in interest, by the chief justice of the superior court, and the finding of said commissioners shall be binding upon all parties upon all questions of fact.

SECTION 7. Upon the taking by the city of Fall River of the waters of Long pond, or by the cities of New Bedford and Taunton, or either of them, of the waters of Assawompset and Pocksha ponds, the said cities shall be jointly liable for such damages, if any, and not heretofore determined and paid for, as may be sustained by any person or corporation, the same to be assessed or determined as provided in section fourteen of this act; but the right to such damages shall not vest until water is actually drawn or diverted under such taking.

A taking of the waters of a brook, stream, water source or tributary flowing directly or indirectly into said Long, Assawompset or Pocksha ponds shall not impair the right of the riparian owners on such brook, stream, water source or tributary to make such use of their riparian lands or



of the waters of such brook, stream, water source or tributary as is incident to the ownership of riparian land under the law of this commonwealth, but nothing herein shall prevent the adoption of reasonable regulations prohibiting the discharge into such brook, stream, water source or tributary of polluting matter of such kind and amount as will corrupt or impair the quality of the water flowing into any of said ponds subsequent to the time when the waters of such ponds have been taken under this act. Upon the taking of said waters as herein provided, by any one or more of said cities, and the payment of any damages that may be recovered therefor or agreed upon, the said damages shall be apportioned to and be paid by said cities as follows:—the city of Fall River, forty per centum; the city of New Bedford, forty per centum; and the city of Taunton, twenty per centum. The expense of constructing and maintaining a dam or dams or other structures for the storage and control of water in said Assawompset, Pocksha and Long ponds shall be apportioned to and be paid by said cities as follows:—the city of Fall River, forty-two per centum; the city of New Bedford, forty-two per centum; and the city of Taunton, sixteen per centum.

SECTION 8. Except as provided in the preceding section, each of said cities of Fall River, New Bedford and Taunton shall severally pay the damages for which liability is established under section fourteen resulting from the taking of property or other action by such city under this act.

SECTION 9. For the purposes of meeting expenses incurred under this act, each of said cities may issue from time to time, by vote of two thirds of the members of its city or municipal council, taken by yeas and nays, water bonds in the following amounts, viz.:—The city of Fall River, not exceeding two million dollars; the city of New Bedford, not exceeding eight hundred thousand dollars; the city of Taunton, not exceeding three hundred thousand dollars, at such rate or rates of interest as may be determined by said city or municipal council. Each authorized issue shall constitute a separate loan and such loans shall be payable in not more than thirty years from their dates, and shall bear on their face the name of the city issuing the same and the words, Water Supply Loan, Act of 1924. Indebtedness incurred under this section shall be in excess of the statutory limit prescribed for the aforesaid cities, respectively, and, except as herein provided, shall be subject to chapter forty-four of the General Laws.

SECTION 10. The said cities may construct on their land, or on land acquired under the provisions of this act, proper dams, reservoirs, standpipes, tanks, buildings, fixtures, pipes, drains, sewers, filters and other structures, and may make excavations, procure and operate machinery, and may provide such other means and appliances and do such other things as may be necessary in carrying out the provisions of this act, and for that purpose may construct reservoirs, establish, maintain and operate pumping works,

and may lay and maintain aqueducts, conduits, pipes and other works under and over any land, water courses, railroads, railways or public ways, in such manner as not unnecessarily to obstruct the same; and for the purpose of constructing, laying, maintaining, operating and repairing such conduits, pipes and other works, and for all other purposes of this act, said cities may dig up or raise and embank any lands, or public or other ways in such manner as to cause the least possible hindrance to public travel thereon; provided, that no conduits or pipes shall be laid in a public way except under the direction of the state department of public works or of the selectmen of the town or towns in which any such way or ways are situated, and provided, further, that any public way in which the work is done under the provisions of this act shall be restored by the said city doing said work to a condition satisfactory to the state department of public works or the said selectmen. The said cities shall not enter upon, construct or lay any conduits, pipes or other works within the location of any railroad corporation, except at such time and in such manner as may be agreed upon with said corporation, or, in case of failure so to agree, at such time and in such manner as may be approved by the department of public utilities.

SECTION 11. The said cities may enter upon any lands for the purpose of making surveys, test pits and borings, and may take or otherwise acquire the right to occupy temporarily any lands necessary for the construction of any works or for any other purpose authorized by this act.

SECTION 12. If any of said cities shall under authority of this act construct any reservoir in such manner as to flow any existing public way, the city constructing said reservoir shall raise the way to such grade as to make it reasonably safe and convenient for travel, or shall build in place of any part of the way so closed another suitable way, with all necessary fences and culverts, which thereafter shall be a public way.

SECTION 13. The taking of land or other property under this act may be permanent or temporary and shall be in accordance with said chapter seventy-nine; provided, however, that an owner of land or other property taken shall, upon request made within one year of the taking, be furnished within thirty days after such request with a plan or description of his land or other property taken.

Land or other property taken or otherwise acquired under this act shall in the case of Fall River be managed, improved and controlled by its reservoir commission, in the case of New Bedford by its water board and in the case of Taunton by its water commissioners, and the said boards or officers may prohibit all persons from entering in, upon or over the waters of said ponds and the lands taken or acquired hereunder by said cities, respectively.

SECTION 14. Any person or corporation sustaining damage in his or its property by the taking of land, waters, easements or other property, or by the entry upon or the use of any property, or by the making of any change of grade, laying out, construction, alteration, discontinuance of a way under this act shall be entitled to recover the same under said chapter seventy-nine; provided, however, that a petition for damages under said chapter may be filed at any time within two years after the right to such damages has vested, and that any person whose property has been taken or injured, and who has not received notice under section thirteen of this act or otherwise of the proceedings whereby he is entitled to damages at least sixty days before the expiration of such two years may file such petition within six months from the time when possession of his property has been taken or he has otherwise suffered actual injury in his property. Damages for the temporary use of or injury to property may, on the request of the petitioner, be assessed by monthly payments, to be continued so long as the property is used or injured.

SECTION 15. Said cities, with the advice and approval of the department of public health, may sell at public or private sale or may exchange any property, real or personal, or any easements, whether taken by eminent domain or otherwise, no longer needed for works under their charge or may from time to time lease any property not then so needed; and may in their discretion, by lease, license or other agreement, permit the construction and maintenance on any land under their control of towers, poles, wires and other structures for the purpose of transmitting electric power over lands and waters of said cities held for water supply purposes under this act; provided that, in the opinion of the said department, such lease, license or agreement will not affect or interfere with the water supply; and provided further, that said cities may revoke said lease, license or agreement for cause to be determined by them, with the approval of said department.

SECTION 16. No plan for the construction of works for improving the quality of the water, or adding to or extending the sources of supply or constructing new intakes, filters, or other works in connection with said ponds or any works to take water therefrom under the provisions of this act shall be put into effect, without first obtaining the advice and approval of the department of public health.

SECTION 17. So much of chapter two hundred and seventeen of the acts of eighteen hundred and seventy-five, as ratified and established by chapter four hundred and two of the acts of eighteen hundred and ninety-three, as requires the city of Taunton to maintain the natural flow of the Nemasket river, and so much of section three of chapter three hundred and forty-five of the acts of eighteen hundred and ninety-four as requires that no waters of said Pocksha pond shall pass back into Great Quittacas pond, are here-

by repealed; provided, however, that all water passing from Pocksha pond into Great Quittacas pond through the waterways in any dams between said ponds shall be deemed to be drawn by the city of New Bedford from Long, Assawompsett and Pocksha ponds within the meaning of this act and that this section shall not take effect until there has been a taking under this act either by the city of Fall River of the waters of Long pond, or by the cities of New Bedford and Taunton, or either of them, of the waters of said Assawompset and Pocksha ponds.

SECTION 18. Nothing in this act shall be deemed to repeal the rights of the city of New Bedford to furnish water to the town of Dartmouth, pursuant to the provisions of chapter one hundred and eighty-eight of the acts of nineteen hundred and fourteen; to the town of Acushnet, under chapter one hundred and twenty-nine of the Special Acts of nineteen hundred and fifteen; to certain inhabitants of the town of Lakeville, under chapter one hundred and eighteen of the Special Acts of nineteen hundred and sixteen; to certain inhabitants of the town of Freetown, under chapter three hundred and fourteen of the acts of nineteen hundred and thirteen and to said town and to certain inhabitants thereof under chapter one hundred and twenty-two of the Special Acts of nineteen hundred and eighteen; to the town of Fairhaven, under section three of chapter five hundred and eleven of the acts of nineteen hundred and thirteen; and to the Fairhaven Water Company, under chapter three hundred and ninety-five of the acts of nineteen hundred and twentythree; or to repeal the right of the city of Taunton to furnish water to a certain part of the town of Raynham, pursuant to the provisions of chapter four hundred and fifty-two of the acts of eighteen hundred and ninety-nine.

SECTION 19. Whoever wilfully or wantonly corrupts, pollutes or diverts any of the waters taken or held under this act, or injures any structure, work or other property owned, held or used by said cities, or any of them, under the authority and for the purposes of this act, shall forfeit and pay to said city or cities three times the amount of damages assessed therefor, to be recovered in an action of tort; and upon conviction of any one of the above wilful or wanton acts shall be punished by a fine of not more than three hundred dollars or by imprisonment for not more than one year.

Approved May 24, 1924.

Legal taking of these waters was made by vote of the proper authorities of the three cities on Oct. 24; and on Nov. 3, physical taking of the waters was made by the same authorities. The following proclamations refer to the

act of taking by this Board and the cities of Taunton and Fall River:

**Know All Men by These Presents:**

That, on this third day of November 1924 at 10.30 o'clock A. M., I, Walter H. B. Remington, Chairman of the Water Board of the City of New Bedford, on behalf of said City, have caused to be removed the barrier erected by said City, under the provisions of Section 3, of Chapter 345 of the Acts of 1894, to prevent the waters of Pocksha and Assawompsett Ponds from flowing into Great Quittacas Pond, thereby causing said waters to flow from said Pocksha and Assawompsett Ponds into said Great Quittacas Pond and do, by this act, and by possessing in hand a portion of the water of said Pocksha and Assawompsett Ponds, take, in behalf of said city, and in accordance with the provisions of Chapter 400 of the Acts of 1924, the waters of said Pocksha and Assawompsett Pond, and all water rights, brooks, streams, water sources and tributaries connected with and flowing into said ponds, and also the lands under said ponds up to the line of private ownership—for the purpose of an additional water supply for said City of New Bedford.

WALTER H. B. REMINGTON, Chairman,  
New Bedford Water Board.

**Witnesses:—**

Benjamin B. Barney, City Solicitor, New Bedford.  
Joseph P. Phelan.  
James O. Thompson.  
Abbott P. Smith.  
John T. Coughlin, Atty. for City of Fall River.  
James J. Kirby, Clerk of Res. Com., Fall River.  
George A. King, Supt. Water Works, Taunton.  
Arthur C. King, Asst. Supt. Water Works, Taunton.  
Albert E. Ginder.

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**COMMONWEALTH OF MASSACHUSETTS.**

Plymouth ss. Town of Middleborough  
November 3d, 1924.

Then personally appeared the above named Walter H. B. Remington, to me known to be the Chairman of the Water Board of the City of New Bedford, and made oath that the foregoing statement signed by him, in my presence, is true.

HENRY A. WYMAN,  
Justice of the Peace.  
My Commission expires Apr. 13, 1926.



**Know All Men by These Presents:**

That on this third day of November, 1924, at 11.30 o'clock A. M. I, Francis J. Bassett, member of the Board of Commissioners, Water Department, City of Taunton, acting for and in behalf of the said Water Department and the Municipal Council of the said City of Taunton, thereunto duly authorized, do hereby take possession of the waters of Assawompsett and Pocksha Ponds, and all water rights, brooks, streams, water sources and tributaries connected with and flowing into said ponds, and also the lands under said ponds up to the line of private ownership, for the purpose of an additional water supply for the said City of Taunton, by causing the several planks to be placed in the ways provided therefor in the Gate House at the source of the Nemasket River, thereby stopping the flow of water from the said ponds into the said river, in accordance with the provisions of Chapter 400 of the Acts of 1924.

FRANCIS J. BASSETT

## Witnesses:—

Walter H. B. Remington, Mayor of New Bedford.  
Abbott P. Smith.  
John T. Coughlin, Att. for City of Fall River.  
J. O. Thompson, Jr.  
Joseph P. Phelan.  
Jas. J. Kirby.  
Albert E. Ginder.  
Stephen H. Taylor.  
George A. King, Supt. Water Works, Taunton.  
Arthur C. King, Asst. Supt. Water Works, Taunton.

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COMMONWEALTH OF MASSACHUSETTS.

Plymouth ss: Town of Lakeville,

November 3, 1924.

Then personally appeared the above named Francis J. Bassett, to me known to be a member of the Board of Commissioners, Water Department, City of Taunton, and made oath that the foregoing statement, signed by him in my presence, is true.

HENRY A. WYMAN,  
Justice of the Peace.

My commission expires April 13, 1926.



**Know All Men by These Presents:**

That, on this third day of November, 1924 at one and twenty-four minutes past one o'clock, P. M., I, Joseph P. Phelan member of the Reservoir Commission of the City of Fall River, acting for and in behalf of the said Reservoir Commission of the said City of Fall River, and thereto duly authorized, do hereby take possession of the waters of Long Pond, and all water rights, brooks, streams, water sources and tributaries connected with and flowing into said pond and also the land under said pond up to the line of private ownership, for the purpose of an additional water supply for the City of Fall River, by entering the said Long Pond opposite the estate of the late Morgan Roche and adjacent thereto in the Town of Lakeville by removing a part of the waters and the land under the waters of said pond thereby making in behalf and in the name of said Reservoir Commission of the City of Fall River a physical taking of said Long pond in accordance with the provisions of Chapter 400 of the Acts of 1924.

JOSEPH P. PHELAN

Member of Reservoir Commission  
City of Fall River

Witness:

Jas. J. Kirby

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COMMONWEALTH OF MASSACHUSETTS.

Plymouth, ss.

Town of Lakeville

November 3, 1924.

Then peronally appeared the above-named Joseph P. Phelan to me known as a member of the Reservoir Commission of said Fall River and made oath that the foregoing statement signed by him in my presence, is true.

JAS. J. KIRBY

Justice of the Peace

My commission expires May 20, 1927

Witness to the taking of Long Pond by the City of Fall River, Massachusetts, November 3, 1924.

Walter H. B. Remington, Mayor of New Bedford.

Francis J. Bassett, Commissioner—Water Dept., City of Taunton.

George A. King, Supt., Water Works, Taunton.

Arthur C. King, Asst. Supt., Water Works, Taunton.

Stephen H. Taylor, Supt. Water Works, New Bedford.

Albert E. Ginder.

Jas. J. Kirby, Water Registrar, Fall River.

Abbott P. Smith.

J. O. Thompson, Jr.

John T. Coughlin, Atty., Fall River.

The City Engineering Department is now making a survey of that part of the water shed of these ponds which is to be protected from pollution by this City. Property lines and titles will be carefully looked up, so that a complete plan of this section will be available for our future operations.

For the protection of the purity of the water supply from the Quittacas Ponds, two pieces of property within their water shed have been purchased as follows:

Town of	Bought of	Area	Cost
Rochester	Helen L. Small	30 Acres	\$1200.00
Middleboro	Howard M. Bishop	63 Acres	2500.00

Requests from some of the dairies, ice cream manufacturers and bottling plants, that they be allowed the benefit of the manufacturers rate, have been considered and it was,

VOTED:—That dairies, ice cream manufacturers and bottling establishments, using more than 50,000 cu. ft. of water in any quarter of a year, as billed, solely for the above purposes and complying with all existing requirements therefor, be allowed the manufacturing rate for such quarter.

On July 7, 1924, a contract authorized by you, was made by the Clerk of Committees with David Duff & Son for furnishing this department with about 2,100 tons of New River coal. A greater part of this has been delivered; mostly at the Quittacas Pumping Station.

The following are the principal contracts which have been made by this Board during the year:

Date 1923	Contractor	Supply	Consideration
Dec. 5	Ricketson Motor Car Co.	2½ T. truck in exchange for ¾ T.	\$3,780.35 (and ¾ T. Truck \$300.)
1924 Jan. 7	Darling Valve & Mfg. Co.	Hydrants & Gates	Hydrants, \$63 each 10" Gates \$67.00 ea. 8" Gates 44.25 ea. 6" Gates 28.15 ea. 4" Gates 15.40 ea. 3" Gates 12.30 ea. 2" Gates 10.40 ea.
Jan. 7	U. S. C. I. Pipe & Fdy. Co.	DeLavaud Centrifugal C. I. pipe & special castings.	12" pipe \$2.43 per ft. 10" pipe 1.88 per ft. 8" pipe 1.40 per ft. 6" pipe .98 per ft. 4" ordinary C. I. pipe \$66.10 per T. 2" Ordinary C. I. pipe \$100.00 per T. Special Castings \$150 per T.
Jan. 23	Payne Dean Ltd.	Gate operating device & pump.	\$2900.00
Jan. 24	The White' Co.	Truck & equipment	\$4194.00
Jan. 28	National Meter Co.	Meters & fish traps	5/8" meters with straight connections \$12.50 each ¾" meters with straight connections \$18.75 each. 1" meters with straight connections \$31.00 each 2" meters with loose flanges \$75.00 each 3" meters with loose flanges \$131.25 each 2" Fish traps \$10.00 each 3" Fish traps \$15.00 each

## WATER REPORT

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Jan.	28	Red Hed Mfg. Co.	Composition Castings	$\frac{3}{4}$ " T. handle stops \$1.93 each $\frac{5}{8}$ " T. handle stops \$1.73 each $\frac{3}{4}$ " corporations with straight couplings \$2.49 each $\frac{5}{8}$ " Coporations with straight couplings \$1.83 each
Jan.	28	Chadwick-Boston Lead Co.	Lead pipe	\$10.33 per cwt.
Jan.	31	Builders Iron Fdy.	Iron Castings	\$.064 per lb.
Feb.	5	A E. Coffin Press	Printing Report	\$290.00
Apr.	4	Link Belt Co.	Motor driven traveling water screen	\$2800.00
May	26	N. B. Boiler. & Mch. Co.	Cast Iron Pipe	10"—\$1.80 per ft.
July	2	Cut Price Auto Supply Co.	Tires	2-Caterpillar type \$247.25 2-Ordinary solid rubber 89.41
Oct.	4	Wickwire Spencer Steel Corp.	Wire Fencing	2708 ft. fence and gates \$4,649.00

Respectfully submitted,

WALTER H. B. REMINGTON,  
ROBERT A. BARTLETT,  
ABBOTT P. SMITH,  
JAMES O. THOMPSON, Jr.,  
FREDERIC H. TABER,

*New Bedford Water Board.*

## REPORT OF THE WATER REGISTRAR.

CITY OF NEW BEDFORD,  
WATER REGISTRAR'S OFFICE

December 1, 1924

*To the New Bedford Water Board:*

Gentlemen:—I herewith present to you a detailed statement of the receipts and expenditures of the Water Works Department for the year ending at this date.

## RECEIPTS

Balance Dec. 1, 1923			\$35,544.25
Receipts for water			
Rates:			
Domestic meters		\$220,929.99	
Domestic estimated		154.50	
Building purposes		982.60	
Meter rentals		21,051.30	
Total Domestic		243,118.39	
Manufacturing meters	\$142,188.14		
Manufacturing estimated	68	142,188.82	
Demands		2,071.39	
			\$387,378.60
Services	\$28,573.17		
Mains	19,674.52		
Meters	5,608.16		
Mill piping	618.04		
Lands, etc.	2,513.64		
Forestry	7,244.84		
Workshop	116.43		
Sealing fixtures	387.20		
Maintenance of horse, etc.	267.96		
Quittacas pumping station	313.68		
Purchase St. pumping station	39.19		
Fines	491.00		
Railroad	426.00		
High Hill reservoir	75.00		
Miscellaneous	565.71		
Accrued interest	354.17		
On account of Bond issue			
Chapter 65 Acts of 1923	223,822.03	291,090.74	678,469.34
			\$714,013.59
Expenditures for year ending December 1, 1924			696,314.33
			\$ 17,699.26
Less amount diverted by City Auditor			24.50
Balance Cash in Treasury December 1, 1924			\$ 17,674.76
This balance agrees with the City Auditor's account.			

## WATER REPORT

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## EXPENDITURES

Supt's Dept. Salaries	\$ 16,177.20
Water Registrar's Dept. salaries	26,531.52
Printing, stationery, advertising, postage, and other supplies	5,119.86
Traveling expenses, express and Tele- ephones and telegraphs	1,700.83

## Quittacas pumping station:

Salaries and labor	\$23,385.30	
Fuel	8,278.47	
Oil, waste, packing and lighting,	2,876.02	
Tools and other supplies	1,429.09	
Repairs, steam engine	1,067.98	
Repairs, boilers	196.24	
Repairs, centrifugal pump and motor	125.22	
Electric current, centrifugal pump,	3,646.35	
Other repairs	1,048.98	
Quittacas Sta. buildings and grounds	4,827.12	
Miscellaneous	2,508.35	49,389.12

## Quittacas Supply:

Great and Little Quittacas Ponds including overflow, intakes, etc.	10,996.89	
Lands and forestry operations around ponds	27,895.45	
Engineer's house and barn	1,733.56	
Railroad	1,505.68	
48 inch steel force main	138.25	
High Hill reservoir	1,842.06	
48 inch cast iron force main	10.55	44,122.44

## Mains:

Main pipe	1,956.08	
Stop gates	2,374.88	
Hydrants	2,943.78	
Flushing and inspecting	2,194.16	
Miscellaneous	76.25	9,545.15

## Services:

Repairing and removing	1,121.02	
Renewing and driving stop boxes	2,579.11	
Cleaning stops, taps and pipe	518.02	
St. Dept., repairing streets	97.61	
Water cart and car sprinkler hydrants,	16.99	
Sealing fixtures and inspecting check valves	305.81	4,638.56
Fountains		5.58
Meters		10,174.38



## General Maintenance:

Horses, carriages and autos	22,733.17	
Labor at workshop	8,287.94	
Materials at workshop	590.79	
Fuel, lighting and power at workshop	906.78	
Repairs workshop buildings and pipeyard	691.31	
Miscellaneous	734.70	
Stand pipe	67.31	34,012.00

## Acushnet Supply:

Storing reservoir and surroundings and dry swamp ditch	1,118.30	
Conduit	312.24	
Receiving reservoir, pump well and Purchase St. Station	4,629.79	
Mt. Pleasant distributing reservoir	529.89	6,590.22
Industrial accident account		455.06
Taxes and insurance		1,836.58
Legislative expenses		272.65
Henry A. Wyman's services		13,700.00

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\$224,271.15

## Public Debt:

Interest paid	\$108,965.00	
Bonds paid	50,000.00	
		<hr/>
		\$383,236.15

## EXTENSIONS

## Mains:

	Bond	Regular	
Main pipe and special castings	10,312.49	24,299.62	
Stop gates	2,835.21	477.15	
Hydrants	2,805.75		
Tools	3,944.27	6,783.94	
All other supplies	736.91	1,294.15	
Labor	21,225.94	12,077.44	
Accident account	1,112.43		
Second intake Little Quittacas	180,849.03		
	<hr/>	<hr/>	
	\$223,822.03	\$44,932.30	\$268,754.33

## Services:

Pipe	6,399.39	
Taps and stops	3,209.23	
All other supplies	2,534.36	
Labor	12,200.49	
Plumbing	1,618.54	
St. Dept., repairing streets	1,251.93	
Repairing streets	1,122.34	
	<hr/>	<hr/>
		\$28,336.28

## WATER REPORT

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## Meters:

Cost of meters	9,717.25	
Cost of testing and setting	1,650.30	11,367.55
Mill piping		839.93
Lands bought around ponds		3,700.00
Additional supply Chap. 400, Acts 1924		80.09

Total expenditures for the year	\$696,314.33
Whole outlay on the works to this date	13,327,560.23
Balance December 1, 1924, cash in Treasury	17,674.76

EXPENDITURES FROM THE BEGINNING  
OF THE WORKS

Acushnet Supply	Payments	Credits	Net
Dry swamp ditch and land	\$23,503.76	\$	\$ 23,503.76
Acushnet storing reservoir	61,470.71		61,470.71
Dam at storing reservoir	18,845.24		18,845.24
White homestead and land	4,000.00		4,000.00
Conduit, lands, construction, and Wheldon mill property	205,391.80	592.50	204,799.30
Purchase St. receiving reservoir	31,959.47		31,959.47
Pump well and culvert	16,561.41		16,561.41
Engine house lot, Purchase St.	17,152.89		17,152.89
Engine house and coal shed	100,771.51		100,771.51
Engines, Purchase St.	81,234.47		81,234.47
Standpipe, Mt. Pleasant St.	6,109.93		6,109.93
Mt. Pleasant distributing reservoir	65,292.66	2,209.76	63,082.90
	632,293.85	2,802.26	629,491.59
Quittacas Supply:			
Lands around ponds	145,991.04		145,991.04
Dam at Pocksha Pond	26,020.70		26,020.70
Quittacas pumping station, pump well, engines, intake, gate houses, connection between Quittacas ponds and 4 boats	372,672.73		372,672.73
Second intake	183,968.76		183,968.76
Engineers house and 2 barns Lakeville	9,568.51		9,568.51
Telephone lines	2,168.64		2,168.64
Railroad, locomotive and cars	73,631.64		73,631.64
48" steel force main including lands, power gate etc.	382,367.32		382,367.32
48" Cast iron force main	319,131.78		319,131.78
High Hill reservoir	181,405.06		181,405.06
Asst. Chief Engineer's house,	7,521.19		7,521.19
	\$1,704,447.37		\$1,704,447.37

Distribution, etc.:			
Mains, services, hydrants, meters and mill piping	4,241,388.53	895,883.52	3,345,505.01
Workshop, pipe yard and garage	125,395.59	1,001.25	124,394.34
Old workshop and lands, No. Water St.	6,498.75	6,498.75	
Management and repairs	3,435,618.50	151,603.96	3,284,014.54
	<hr/>	<hr/>	<hr/>
	\$7,808,901.37	\$1,054,987.48	\$6,753,913.89
Public debt:			
Interest	1,627,185.64	354.17	1,626,831.47
Bonds	803,000.00		803,000.00
Sinking funds	751,732.00		751,732.00
	<hr/>	<hr/>	<hr/>
	\$3,181,917.64	\$ 354.17	\$3,181,563.47
Acushnet supply	632,293.85	2,802.26	629,491.59
Quittacas supply	1,704,447.37		1,704,447.37
Distribution and other items	7,808,901.37	1,054,987.48	6,753,913.89
	<hr/>	<hr/>	<hr/>
	\$13,327,560.23	\$1,058,143.91	\$12,269,416.32

The receipts from the commencements of the works have been as follows:

Appropriated by City Council		
1888 and previous		\$1,038,000.00
Further supply		1,316,639.60
Duplicate supply main, 1910		250,836.65
Special extension, 1911		151,391.78
Special extension, 1912		161,019.78
48" Cast iron force main Chapter 232		
Acts of 1921		700,246.14
Used on account of loan Chapter 65		
Acts of 1923		283,028.72
Receipts from water		8,454,445.87
Receipts from other sources		1,058,143.91
Receipts from Chapter 232, 1921		17.84
		<hr/>
		13,413,770.29
Less used by City Council 1913	38,483.43	
Less used by City Council 1918	30,000.00	
Diverted by City Auditor 1922	7.29	
Diverted by City Auditor 1923	20.08	
Diverted by City Auditor 1924	24.50	
		<hr/>
		68,535.30
		<hr/>
		\$13,345,234.99
Deduct total outlay		13,327,560.23
		<hr/>
Balance December 1, 1924		\$ 17,674.76

## WATER REPORT

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Outlay	13,327,560.23		
Less credits	1,058,143.91	12,269,416.32	
Management and repairs	3,435,618.50		
Less credits	151,603.96		
	<u>\$3,284,014.54</u>		
Interest	1,627,185.64		
Less credits	354.17		
	<u>\$1,626,831.47</u>		
Bonds paid	803,000.00		
Sinking funds	751,732.00	3,181,563.47	6,465,578.01
Actual cost of works			<u>\$5,803,838.31</u>
Water receipts			\$8,454,445.87
Receipts Chapter 232, 1921			17.84
			<u>\$8,454,463.71</u>
Deduct management and repairs, debt, interest and sinking funds	\$6,465,578.01		
Amount used by City Council	68,483.43		
Amount diverted by City Auditor	51.87	6,534,113.31	
Water receipts applied to construction			<u>\$1,920,350.40</u>

The funds for the construction of these works have been derived from the following sources:

Investment of Sylvia Ann Howland Bequest	\$ 100,000.00
Sylvia Ann Howland Educational Bequest	100,000.00
Received from sale of bonds 1888 and previous	815,000.00
Appropriation for construction 1885	23,000.00
Net receipts applied to construction	1,920,350.40
Net proceeds of further supply bonds	1,316,639.60
Net proceeds duplicate supply bonds 1910	250,836.65
Net proceeds special extensions bonds 1911	151,391.78
Net proceeds special extensions bonds 1912	161,019.78
Net proceeds 48" C. I. force main bonds 1921	700,246.14
Used on account Loan Chap. 65 Acts of 1923	283,028.72
	<u>\$5,821,513.07</u>
Balance December 1, 1924	17,674.76
Net cost of works	<u>\$5,803,838.31</u>

The Water Debt to this date is as follows:

Under annual payments	When issued	Amount issued	Amount due	
4% Duplicate Supply Main Chapter 202, Acts of 1909	June 1, 1910	\$150,000.00	\$80,000.00	
4% Duplicate Supply Main Chapter 202 Acts of 1909	Sept. 1, 1910	75,000.00	48,000.00	
4% Special Extensions Chapter 65, Acts of 1911	May 1, 1911	150,000.00	85,000.00	
4% Special Extensions Chapter 75, Acts of 1912	May 1, 1912	160,000.00	88,000.00	
5¼% 48" C. I. Force Main Chapter 232, Acts of 1921	May 1, 1921	500,000.00	449,000.00	
4¾% 48" C. I. Force Main Chapter 232, Acts of 1921	Nov. 1, 1921	200,000.00	179,000.00	
4% Extensions Chapter 65, Acts of 1923	April 1, 1923	200,000.00	193,000.00	
4¾% Extensions Chapter 65, Acts of 1923	Mar. 1, 1924	150,000.00	150,000.00	1,272,000.00
Under sinking funds:				
Water Bonds 4%				1,200,000.00
Water Bonds 3½%				48,000.00
				<hr/>
				\$2,520,000.00
Less sinking funds in City Treasury:				
No. 23 Bonds due December 15, 1924			2,00,000.00	
No. 24 Bonds due April 1, 1926			400,000.00	
No. 24 Bonds due Jan. 1, 1927			600,000.00	
No. 38 Bonds due June 1, 1930			48,000.00	1,248,000.00
				<hr/>
Net Water Debt December 1, 1924				\$1,272,000.00

# WATER REPORT

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## Account of disposition of Water Loan,

### Chapter 65, Acts of 1923.

Cr.	
Amount unexpended December 1, 1923	\$140,797.29
Receipts from sale bonds March 1, 1924	150,000.00
R. H. Beattie Bill No. 23,319 Feb. 15, 1924	489.17
	<hr/>
	\$291,286.46

Dr.		
1 Main pipe and special castings	\$10,312.49	
2 Stop gates	2,835.21	
3 Hydrants	2,805.75	
5 Tools	3,944.27	
6 All other supplies	736.91	
8 Labor	21,225.94	
9 Street Dept. repairing streets		
10 Accident account	1,112.43	
28 Second intake Little Quittacas Pond	180,849.03	223,822.03
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Balance unexpended December 1, 1924		\$67,464.43

Water receipts in 1923	\$416,765.00
Water receipts in 1924	387,378.60
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Decrease in 1924	\$29,386.40

Received from City Departments:	
Water rates	\$ 13,701.69
Miscellaneous	6,000.84
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	\$ 19,702.53

Respectfully submitted,

ALFRED BRADLEY,

*Water Registrar.*



## REPORT OF SUPERINTENDENT

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NEW BEDFORD WATER WORKS,  
SUPERINTENDENT'S OFFICE,

December 1, 1924.

*To the New Bedford Water Board:*

GENTLEMEN:—The fifty-fifth annual report of the Superintendent for the year ending Nov. 30, 1924 is herewith respectfully submitted.

Through the courtesy of Mr. X. H. Goodnough, Chief Engineer of the State Dept. of Public Health, the results of the monthly chemical analyses of samples of water taken from Little and Great Quittacas Ponds are incorporated in this report.

During the period when the 60 inch intake was under construction, directly in the waters of Little Quittacas, weekly bacterial examinations of the waters of that pond were made by the State Dept. of Public Health. In every case excellent conditions were reported. These and the monthly chemical examinations show that the quality of the water continues to be excellent.

Copies of the rainfall records at Little Quittacas Pumping Station and at Long Plain Storing Reservoir, and various tables showing in detail the work done by the department during the year are also incorporated in this report.

## WATER SHED.

The rainfall as recorded at Quittacas Pumping Station for the year was 43.63 inches. The average for the past thirty years was 44.995 inches. The storm of Aug.

25 and 26 resulted in the largest rainfall for a similar period of time ever recorded at this station. It started at 8.15 P. M. the 25th and ended at 6.20 P. M. the 26th. The rainfall for the twenty-two hours was 7.08 inches. This is much more than the usual month's rainfall. As a result the water in Little Quittacas Pond immediately rose .95 ft., in spite of the fact that the flow from Great Quittacas was shut off. In Great Quittacas the water continued to rise until September 15th, when it was 1.02 feet above the level where it stood before the storm. The storm was accompanied by a wind of hurricane proportions, which uprooted many trees and did considerable damage.

About the middle of March, the water began to flow from Great Quittacas into Pocksha Pond and continued to do so until early in June.

The water level in Great Quittacas has varied from elevation 51.65 on May 1, to 47.96 on December 1, 1923. The present height is 48.45.

In Little Quittacas where the water level is controlled by a regulated flow from Great Quittacas, it has varied from elevation 44.93 on August 26 to 43.52 on September 8 and October 20. The water in this pond has been kept low to facilitate the work on the new 60 inch intake. This work is now completed and the pond is being raised to the level of Great Quittacas. The shores have been cleared as far as possible of the grass and weeds and we now have a good gravelly shore except where it was too swampy to work.

Forestry operations have been continued as usual. Considerable cutting off of the mature wood and planting of young trees has been accomplished. Ten thousand spruce, white pine and red pine, four year transplants, purchased from the State Forestry Department, have been set out on the "Willard Clark" place.

On Friday, July 11th, at 5 P. M., a fire started in a refuse pile back of the King Philip Inn and spread over about ten acres of our pine plantation. By lively work on the part of our own crew, the state police and fire wardens and other citizens of Lakeville and Rochester, it was under control at 6.30 P. M.. The spraying machine, chemical extinguishers and shovels were used in extinguishing the fire.

An automobile combination chemical and pumper stationed at the pumping station would be of great value for fighting forest and other fires on our property.

Mrs. Fannie H. Turner, who retained a life lease of the cranberry bog property which the City purchased, has surrendered that lease and the buildings and machinery have been sold and moved off the water shed.

Two small pieces of property on the water shed have been purchased. There are still many properties on the water shed of these ponds which should be purchased when the opportunity offers. There is no better way to assure complete protection of the purity of our water than to own as much of the water shed as possible, keeping the land forested. This is the opinion, not only of the writer, but of the best authorities on the subject. Permit me to quote a letter from Eugene R. Kelley, Commissioner of Public Health of Massachusetts on this subject:

TO THE WATER DEPARTMENT,  
NEW BEDFORD, MASS.  
MR. S. H. TAYLOR, Supt.

Gentlemen:—The Department of Public Health received from you on February 16, 1924, a request for its views as to the advisability of the purchase by the City of New Bedford of a lot of land at Bisbee's Corner near Black Brook, a tributary of Great Quittacas pond, and also as to the general policy of purchasing property on the watershed of these ponds, for the purpose of protecting the water supply of New Bedford taken from those sources, and in response to this application has caused

the locality to be examined by one of its engineers and has considered the condition of this water supply and the information relating thereto.

The lot of land in question, located at Bisbee's Corner, lies wholly within the watershed of Black Brook which borders one side of its area. It is most important, in the opinion of the Department, for the City of New Bedford to protect adequately the purity of the water in Great and Little Quittacas ponds by preventing danger of pollution of the ponds or their tributaries, and the most effective method which the city can adopt to protect these sources is to control the lands within their watersheds such as the area in question at Bisbee's Corner and thus prevent the use of such lands for any purposes adverse to the purity of the water supply. Great and Little Quittacas ponds will no doubt continue to be used as sources of water supply for the city of New Bedford for a great many years in the future. These ponds furnish water of excellent quality for all water supply uses, and if the policy so wisely adopted in the earlier years of their use and hitherto followed by the city is continued, its inhabitants will be assured that the quality of the water will continue to be as satisfactory in the future, as has been the case in the past. It would be most unfortunate for the interests of the City in the protection of the health and well-being of its inhabitants if the wise policy adopted many years ago and so fully adhered to up to the present time should now be abandoned before adequate protection of these excellent water supplies has been secured.

The Department recommends the purchase of lands in question at Bisbee's Corner and urges also that the policy of the purchase of lands necessary for the protection of the purity of the water of Great and Little Quittacas ponds and their tributaries be continued until control of these watersheds has been secured in so far as is essential for that purpose.

Respectfully,

(Signed) EUGENE R. KELLEY,

Commissioner of Public Health.

I would respectfully recommend that such properties on the water shed of the ponds used by this City for a water supply, as can be purchased at a fair price, be purchased. Several of these have been brought to your attention recently by the writer.

## QUITTACAS PUMPING STATION

The boilers and engines here have continued to give good service with only minor repairs. The exterior and interior of the building have been painted and varnished where needed, which has materially improved its appearance. The work was done by regular employees of the department. Some necessary repairs to the roof have been made.

Reference to the statistics in the latter part of this report will show that the cost of pumping with the electric pump is considerably more than with the steam pumps, in spite of the fact that only the current used and minor repairs to the electric pump are charged to it,—all other overhead being charged to the steam pumps.

As the consumption increases, making necessary increased use of the electric unit, it emphasizes more and more the advisability of providing in the not far distant future a larger steam pumping unit to avoid the increasing use of the more expensive electric pump.

The consumption this year has been less than for either of the two years preceding, resulting in less use of the electric pump than in those years.

## RAILROAD

The railroad connecting the Quittacas Pumping Station with the main line of the N. Y., N. H. & H. R. R. at Braleys is in good condition and only the usual upkeep of ties and grading have been necessary. The locomotive, which has been in use for over twenty years is getting past its usefulness and should be replaced by a new one before many years. This equipment is necessary for the transportation of coal and other heavy supplies to the pumping station.

## FORCE MAINS

The 48-inch steel and new 48-inch cast iron force mains remain in good condition and no repairs have been necessary. The cast iron force main which runs from the pumping station to Middleboro Road should be extended to High Hill Reservoir before many years. When this is done, the steel main which is approaching the age when it must be expected to fail, should be thoroughly examined with a view to taking steps to prolong its period of usefulness, as suggested by Mr. William R. Conard in his report on an examination of parts of this line in 1921 and 1922.

## HIGH HILL RESERVOIR

This reservoir remains in good condition and no repairs have been necessary. It will probably be advisable to clean it thoroughly during the coming year.

## ACUSHNET SYSTEM

The Acushnet System is ready to furnish water to the City in case of necessity. The boiler and McAlpine engine were operated twice during the year, pumping water to Mt. Pleasant Reservoir.

The Acushnet Reservoir, conduit and receiving reservoir are in good condition and no extensive repairs have been needed.

The exterior wood work of the Purchase St. Pumping Station has been painted and necessary repairs made to the roof.

A contract has been made with Wickwire-Spencer Steel Corp. for furnishing and erecting wire fences at the Purchase St. Station and Mt. Pleasant Reservoir properties, and work on this contract is now in progress.

The Mt. Pleasant Reservoir has been emptied and cleaned and the masonry walls were pointed up where necessary.



## DISTRIBUTING SYSTEM

The calls for extension of main pipe and additional services on account of new buildings have not been quite as numerous as for the past two years. 15,700 ft. of main pipe and 527 services have been added to the system. The main pipe extensions have been mostly in response to petitions, although some have been made to connect dead ends and improve the system; and some under the streets to be resurfaced.

On Sunday, January 6, at 8.45 A. M. an unusual drop in pressure was observed by the watchman at the Purchase St. Station. The Chief Engineer and Superintendent were promptly notified and an investigation proved the cause to be a serious break in one of the 36-inch mains in the private way near High Hill Reservoir.

A piece of iron about half the length and about one-third of the circumference of the pipe had blown out just back of the bell and a crack extended the entire length of the remainder of the 12 ft. pipe on the bottom. A considerable area of the fill over the pipe was washed away and the escaping water bored a hole about 12 ft. deep under the break. During the five hours between the time the break occurred and the time that section of the main was shut off, about fourteen million gallons of water escaped. Repairs were completed on Jan. 9, and water turned into the pipe on the 10th.

This pipe was made in 1909 under careful inspection and test. It was laid in 1910, and has been in service ever since. It was .90 inches thick and under about 30 lbs. pressure.

The cause of the break is difficult to determine. There was no evidence of settling and it was located in a place where there is no traffic over it.

As near as can be determined from careful examination by several experts and by chemical analysis and micro-

graphs, it seems likely that the crack started in the spigot end and extended toward the bell, causing a rupture from about the middle to the bell end.

Eighteen hydrants have been broken off by automobiles during the year, the cost of repairing same being \$1,006.35.

This does not include the loss of water or damage to streets, basements, etc., by water. In most cases the cost of repairs is collected from the owner of the automobile doing the damage.

There have been twenty-two leaks upon the mains during the year as herewith shown:

Date 1924	Size	Location	Cause	Cost
Jan. 5	10 in.	Hawthorn St., west of Rockdale Ave.	Joint started	\$ 27.84
Jan. 12	36 in.	Water Works Private Way, west of Shawmut Ave.	Pipe burst	866.39
Jan. 26	6 in.	Rodney French Blvd. (east), south of Apponagansett St.	Joint started	25.78
Feb. 2	2" lead	River pipe, Fish Island to Pope's Is.	Pipe burst	106.67
Feb. 16	8 in.	No. Front St., 25 ft. north of Wamsutta St.	Joint started	13.89
Mar. 30	16 in.	Acushnet Ave. and Ethel St.	Tapping sleeve burst	123.28
May 31	6 in.	Harwich St., west of Plympton St.	Joint started	18.89
May 31	¾ in.	No. Second St., N. E. cor. North St.	Air tap pipe sprung leak	17.18
June 28	36 in.	Acushnet Ave., north of Phillips Road.	Joint started	30.29
July 16	8 in.	Purchase St., north of Bedford St.	Joint started	34.47
Aug. 9	6 in.	Scott St., S. E. cor. Crapo St.	Joint started	23.76
Aug. 9	6 in.	Emerson St., 24 ft. north of Arnold St.	Joint started	37.07
Aug. 16	8 in.	King St., south of Central Ave.	Joint started	22.48
Aug. 23	36 in.	Acushnet Ave., south of Nye's Lane.	Joint started	40.85
Sept. 13	10 in.	No. Front St., at Holly St.	Joint started	55.10
Sept. 27	8 in.	Butler and Cleveland Sts.	Joint started	18.02
Oct. 4	8 in.	Butler and Swan Sts.	Joint started	39.39
Oct. 4	8 in.	So. Front St., north of Potomska St.	Joint started	57.63
Oct. 11	8 in.	Arnold St., S. W. cor. Chancery St.	Joint started	45.35
Nov. 8	6 in.	No. Second and Hillman Sts.	Joint started	43.98
Nov. 22	20 in.	State St., 150 ft. north of Pope St.	Pipe cracked	165.25
Nov. 19	6 in.	River Pipe, Fish Is. to Pope's Is.	Joint leaked	646.58

Sixteen thousand two hundred seventy-two feet of main pipe have been laid during the year and five hundred seventy-two feet of pipe previously laid have been removed. The total length in use is 199.440303 miles.

One hundred sixty-two feet of small sized distribution pipe (less than 4-inch) have been laid, and eight hundred ninety-one feet of pipe previously laid have been removed. The total length in use is 8,424 ft.

Sixty-two new stop gates have been set and three of those previously set have been removed. The total number in use is 2,740.

Two small sized gates have been set and four of those previously set have been removed. The total number in use is 101.

No waste gates have been set or removed. The total number in use is 196.

Fifty-two new stop gates for private supplies have been set and one of those previously set has been removed. The total number in use is 534.

One new air tap has been set. The total number in use is 205.

One new check valve has been recorded. The total number in use is 10.

Fifty-nine new hydrants have been set and thirty-four of those previously set have been removed. The total number in use is 1,740.

Three watering cart hydrants have been removed. The total number now in use is 53.

Five hundred forty-seven service pipes have been laid and twenty of those previously laid have been removed. The number in use is 18,316.

One hundred seventy taps have been cleaned as follows: Rust, 145; trouble inside, 23; sediment, 2.

Six hundred twenty meters have been set and three hundred seventy of those previously set have been removed. The total number in use is 17,120.

• This number of meters may be divided as follows:

Manufacturing supplies .....	277	
Domestic supplies .....	16,843	17,120

The following drinking fountains have been removed:—

County St., Cor. of Smith St. ....	Nash
Acushnet Ave., south of Tarkiln Hill Rd. ....	2 Faucets

This leaves in place the following:—

West French Ave., at Cove St. ....	2 Faucets
Allen St., at junction of Dartmouth St. ....	2 Faucets
Front St., at corner of School St., ....	2 Faucets
Hathaway Rd., 1,964 ft. E. of Rockdale Ave. ....	Horse Bowl
Shawmut Ave., at corner of Durfee St. ....	2 Faucets
No. Front St., W. side, N. of Belle. Rd., ....	2 Faucets—1 Bubble
Acushnet Ave., at corner of Braley Rd. ....	2 Faucets

As these are no longer useful and are in some cases the cause of complaint, I would recommend that they be removed.

## CONSUMPTION OF WATER

Month	Monthly Consumption				Daily Average Consumption
	New Bedford	Dartmouth	Acushnet	Total	
	Gallons	Gallons	Gallons	Gallons	Gallons
1923					
December	304,493,578	3,031,500	2,208,750	309,733,828	9,991,414
1924					
January	333,886,798	2,499,750	2,052,750	338,439,298	10,917,396
February	272,282,290	2,280,750	1,769,250	276,332,290	9,528,699
March	279,910,870	2,217,750	1,948,500	284,077,120	9,163,778
April	266,402,966	2,434,500	1,985,250	270,822,716	9,027,424
May	271,140,612	1,862,250	1,892,250	274,895,112	8,867,584
June	274,937,238	3,376,500	2,136,500	280,450,488	9,348,349
July	312,642,296	4,002,750	2,144,250	318,789,296	10,283,525
August	307,675,190	4,005,000	2,674,500	314,354,690	10,140,474
September	288,793,108	3,639,000	2,325,750	294,757,858	9,825,262
October	303,739,374	3,544,500	2,250,750	309,534,624	9,984,988
November	281,020,176	2,898,750	2,832,000	286,750,926	9,558,364
Totals	3,496,924,496	35,793,000	26,220,750	3,558,938,246	
Averages				296,578,187	9,750,515

Maximum daily consumption January 6th.....\*20,988,432 gallons  
 Minimum daily consumption June 8th..... 5,969,220 gallons  
 Average daily consumption 6 A. M. to 6 P. M..... 6,504,996 gallons  
 Average daily consumption 6 P. M. to 6 A. M..... 3,245,519 gallons

Amount of water consumed, shown on above table, includes the supplying of about 35.696 miles of distribution pipes located in the adjoining towns of Dartmouth and Acushnet. Dartmouth supplies 5,000 consumers through 1,002 taps. Acushnet supplies 3,000 consumers through 484 taps.

\*Unusual consumption caused by leak in 36 in. main (see p. 36). Next largest consumption July 29th 13,435,664 gallons.



# WATER REPORT

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## COMPARISON OF THE CONSUMPTION OF THE YEAR 1924 WITH THE RECORD OF THE 42 PREVIOUS YEARS

Year	Estimated Population	Estimated number of consumers	Number of taps	Total number of gallons consumed	Average daily consumption	Gallons per day to each inhabitant	Gallons per day to each consumer	Gallons per day to each tap	Number of meters
1882	28,500	20,424	4,203	859,119,622	2,326,352	82	114	553	41
1883	30,000	22,249	4,465	849,059,700	2,326,191	78	105	521	49
1884	33,000	23,749	4,691	867,815,595	2,371,080	72	100	506	60
1885	33,700	25,375	4,965	1,049,801,050	2,876,167	85	113	579	67
1886	34,500	28,480	5,225	1,086,534,615	2,976,807	86	104	569	82
1887	36,000	30,080	5,495	1,112,302,789	3,047,404	85	101	555	102
1888	37,500	31,826	5,785	1,229,841,794	3,360,223	89	109	581	108
1889	40,000	34,000	6,104	1,310,488,214	3,590,379	90	106	588	120
1890	41,500	35,740	6,394	1,485,143,213	4,066,200	98	114	636	123
1891	45,000	38,500	6,742	1,513,161,482	4,145,648	92	108	615	135
1892	50,000	41,776	7,134	1,607,955,166	4,393,320	88	105	616	144
1893	55,000	44,158	7,531	1,824,275,536	4,998,015	99	113	664	172
1894	56,000	44,661	7,767	1,747,167,532	4,786,760	85	107	616	221
1895	56,300	46,154	8,027	1,719,830,979	4,711,866	84	102	587	254
1896	59,000	48,570	8,447	1,924,800,313	5,259,017	89	108	623	366
1897	60,000	50,000	8,860	2,071,702,478	5,675,897	95	113	641	621
1898	58,000	50,000	9,014	2,156,277,643	5,907,610	102	118	655	734
1899	58,000	50,000	9,151	2,261,115,500	6,194,837	107	124	677	1,098
1900	62,500	55,000	9,280	2,306,997,774	6,320,542	101	115	681	1,429
1901	65,000	57,000	9,447	2,150,199,262	5,890,957	91	103	624	1,566
1902	70,000	61,000	9,612	2,325,807,038	6,372,074	91	104	663	1,771
1903	72,000	62,000	9,927	2,535,280,580	6,945,974	96	112	700	1,954
1904	73,000	63,000	10,166	2,570,360,614	7,001,520	96	111	689	2,145
1905	75,000	66,000	10,477	2,586,640,683	7,093,187	95	107	677	2,434
1906	83,000	76,000	10,764	2,524,786,872	6,916,880	83	91	643	2,803
1907	88,000	81,000	11,107	2,711,824,444	7,435,572	84	91	670	3,196
1908	89,000	82,000	11,516	2,740,666,728	7,488,160	84	91	653	3,628
1909	95,000	88,000	12,043	2,727,327,230	7,472,129	79	85	621	4,572
1910	99,000	92,000	12,769	2,870,478,148	7,864,323	79	85	616	6,106
1911	102,700	96,000	13,311	2,910,369,438	7,973,615	78	83	599	8,206
1912	103,000	97,000	13,643	3,030,739,034	8,280,707	80	85	607	9,998
1913	104,000	99,000	14,055	2,832,828,204	7,761,173	75	78	552	12,340
1914	108,000	103,000	14,407	2,712,726,402	7,432,127	69	72	516	13,788
1915	110,000	107,000	14,770	2,791,655,778	7,648,372	70	71	518	14,140
1916	113,000	*111,120	*15,350	*3,122,164,926	*8,530,505	*75	*77	*556	14,481
1917	115,000	*113,485	*15,590	*3,390,054,126	*9,287,819	*81	*82	*596	14,728
1918	119,500	*118,140	*15,704	*3,562,182,920	*9,759,405	*82	*83	*621	14,852
1919	122,000	*123,290	*16,020	*3,522,543,626	*9,650,557	*78	*78	*602	15,019
1920	*131,350	*130,350	*16,546	*3,724,480,204	*10,204,055	*78	*78	*617	15,316
1921	*133,818	*133,085	*17,062	*3,454,210,228	*9,463,589	*71	*71	*554	15,659
1922	*135,775	*135,075	*18,040	*3,939,120,548	*10,792,111	*71	*80	*598	16,194
1923	*141,707	*140,950	*19,027	‡3,663,170,860	*10,967,577	*77	*78	*576	16,870
1924	*145,000	*144,300	*19,802	3,558,938,246	*9,750,515	*67	*68	*492	17,120

\*Includes population supplied in towns of Dartmouth and Acushnet:1486 taps, 8,000 consumers.

‡This consumption is for eleven months.



The consumption for the year may be divided as follows:

	Gallons	Daily Average	Per Capita	% of Total
*Manufacturing use metered	1,464,537,842	4,012,433	28	41
*All other metered use	1,517,052,598	4,156,308	28	43
All unmetered use, leaks, flushing and unaccount- ed for water	577,347,806	1,581,774	11	16
Totals	3,558,938,246	9,750,515	67	100

\*Allowing 3% for slip of meter.

It will be noted that the consumption of water is considerably less than for the past two years.

By reference to the Water Registrar's report, it will also be seen that the receipts for water for manufacturing purposes are correspondingly less. This is a natural result of the slacking up in the operations of the mills, which we hope is only temporary. Last year the manufacturing meters accounted for 45% of all water pumped. This year they accounted for only 41%. The percentage of consumption unaccounted for by meters is 2% less this year than last. It is quite possible that the 36 inch pipe near High Hill Reservoir, which completely failed, as described previously, in this report, has been cracked for some time and the water escaping through the swamp into Turner's Pond where it would not be noticed.

This percentage of unmetered water is not excessive as compared with other cities which are completely metered.

Respectfully submitted,

STEPHEN H. TAYLOR,  
*Superintendent.*

TABLE A.

# WATER ANALYSIS—STATE BOARD OF HEALTH.

## PARTS IN 100,000

## WATER REPORT

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Number	Date of Collection	APPEARANCE		RESIDUE ON EVAPORATION			AMMONIA			Chlorine	Hardness	Iron		
		Turbidity	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Albuminoid					
									Total				In solution	In suspension
174001*	1923 Dec. 18	V. slight	slight	24	3.90	1.70	2.20	.0026	.0162	.0104	.0058	.49	1.1	.010
174331*	1924 Jan. 21	V. slight	V. slight	34	3.90	1.65	2.25	.0006	.0120	.0104	.0016	.42	1.0	.009
174816*	Feb. 19	V. slight	slight	34	3.85	1.85	2.00	.0016	.0150	.0114	.0036	.47	1.1	.010
175200*	Mar. 18	V. slight	none	34	3.80	1.65	2.15	.0012	.0116	.0100	.0016	.41	1.0	.016
175610*	Apr. 21	V. slight	V. slight	34	3.80	1.85	1.95	.0006	.0108	.0088	.0020	.42	1.1	.017
176042*	May 19	V. slight	V. slight	45	3.95	2.10	1.85	.0018	.0108	.0100	.0008	.38	1.0	.011
176043†	May 19	V. slight	distinct	47	4.55	1.85	2.70	.0016	.0112	.0104	.0008	.40	1.0	.016
176559*	June 16	none	V. slight	48	4.35	1.85	2.50	.0010	.0146	.0108	.0038	.38	1.0	.023
176560†	June 16	V. slight	distinct	49	3.60	1.85	1.75	.0008	.0124	.0108	.0016	.38	1.0	.005
177189*	July 21	V. slight	none	35	4.80	2.40	2.40	.0026	.0150	.0136	.0014	.42	0.8	.006
177366†	July 28	V. slight	none	35	3.80	1.65	2.15	.0016	.0150	.0138	.0012	.45	1.0	.008
177868*	Aug. 18	V. slight	V. slight	29	3.35	1.60	1.75	.0008	.0146	.0138	.0008	.41	1.0	.007
178056†	Aug. 25	V. slight	V. slight	27	3.95	1.40	2.55	.0016	.0128	.0122	.0006	.45	1.0	.005
178562*	Sept. 22	none	V. slight	28	3.75	1.55	2.20	.0022	.0162	.0118	.0044	.43	1.0	.005
178565†	Sept. 22	V. slight	distinct earthy	30	4.50	2.00	2.50	.0024	.0144	.0114	.0030	.42	1.1	.021
179141*	Oct. 20	none	V. slight	25	4.75	2.30	2.45	.0022	.0106	.0096	.0010	.45	1.4	.005
179790*	Nov. 19	V. slight	V. slight	25	4.10	1.55	2.55	.0028	.0130	.0104	.0026	.48	1.3	.005

These samples were collected from

Great Quittacas Pond.

\*Surface †Bottom

Scale of Color—0—Colorless  
 1—Yellowish brown tint.  
 2—Deep yellowish brown tint.

TABLE B.

# WATER ANALYSIS—STATE BOARD OF HEALTH. PARTS IN 100,000

Number	Date of Collection	APPEARANCE		RESIDUE ON EVAPORATION			AMMONIA				Chlorine	Hardness	Iron	
		Turbidity	Sediment	Color	Total	Loss on Ignition	Fixed	Free	Albuminoid					
									Total	In solu- tion				In sus- pension
174000*	1923 Dec. 18	V. slight	slight	.23	3.90	1.40	2.50	.0038	.0158	.0132	.0026	.40	1.4	.040
174330*	1924 Jan. 21	slight	slight	.31	3.90	1.85	2.05	.0012	.0142	.0106	.0036	.37	1.1	.042
174815*	Feb. 19	V. slight	V. slight	.27	4.15	1.80	2.35	.0028	.0140	.0116	.0024	.42	1.0	.040
175199*	Mar. 18	slight	slight	.30	3.70	1.35	2.35	.0028	.0142	.0092	.0050	.38	1.3	.014
175609*	Apr. 21	V. slight	slight	.30	4.65	1.60	3.05	.0018	.0114	.0092	.0022	.37	1.4	.052
176040*	May 19	V. slight	slight	.34	4.05	1.70	2.35	.0032	.0106	.0104	.0002	.39	1.4	.080
176041†	May 19	V. slight	V. slight	.30	4.45	1.90	2.55	.0032	.0110	.0102	.0008	.38	1.6	.058
176561*	June 16	V. slight	slight	.32	4.10	1.75	2.35	.0026	.0116	.0098	.0018	.36	1.3	.047
176562†	June 16	V. slight	slight	.32	3.95	1.75	2.20	.0016	.0130	.0098	.0032	.36	1.3	.031
177187†	July 21	V. slight	slight	.25	4.95	2.35	2.60	.0048	.0142	.0110	.0032	.41	1.4	.028
177188*	July 21	V. slight	V. slight	.24	5.20	2.60	2.60	.0032	.0144	.0128	.0016	.40	1.3	.058
177553†	Aug. 4	V. slight	V. slight	.30	6.50	3.10	2.40	.0026	.0192	.0176	.0016	.40	1.4	.038
177867*	Aug. 18	V. slight	V. slight	.29	3.25	1.80	1.45	.0006	.0196	.0124	.0072	.44	1.1	.038
178055†	Aug. 25	V. slight	slight	.25	4.80	2.25	2.55	.0016	.0162	.0124	.0038	.45	1.1	.040
178562*	Sept. 22	V. slight	V. slight	.21	5.25	1.60	3.65	.0056	.0134	.0124	.0010	.41	1.6	.036
178563†	Sept. 22	V. slight	V. slight	.21	5.00	1.75	3.25	.0046	.0132	.0118	.0014	.42	1.6	.037
179140*	Oct. 20	V. slight	V. slight	.25	4.80	1.85	2.95	.0058	.0132	.0106	.0026	.49	1.3	.052
179789*	Nov. 19	slight	V. slight	.27	4.80	2.40	2.40	.0040	.0130	.0120	.0010	.48	1.4	.049

These samples were collected from  
 Little Quittacs Pond  
 \*Surface †Bottom

Scale of Color—0—Colorless  
 1—Yellowish brown tint.  
 2—Deep yellowish brown tint.

TABLE C.

## RECORD OF RAINFALL AT QUITTACAS PUMPING STATION

Date	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.
1					.46			.01				
2		.86	.04							.01		.04
3		.18	.01				.11					
4	.05		.03	.02		.03	.17		.01			
5	2.55	.08	1.40	.12						.60		
6	.03		.01		.79	.03	.08					
7				.15	.53				.03		.15	
8					.03	.22	.37				.01	
9	.11				.07	.33				1.51		
10	.36		.11	.20						.37		
11		.56		1.78		.09						
12				.13		.80		.02	.76			
13	.18	.12			.02			.15		.06		.03
14	.06						.29		.07			
15												
16		1.28				.09				.01		.01
17			.09					.36	.37	.38		
18					2.45	.07						
19		.47	.08						.54			
20			1.48		.14	.05						.22
21					.28	.09	.94					1.01
22	.77				.57					.29		.04
23	.19								.03	.09		.07
24	.14	1.15				.25						
25					.04	.06	.58		2.39			
26				.17					4.69			
27	.18					.09	.10					
28	.39											
29				.24		.21						.33
30	.43				1.32			.03		.09		
31	.26							.64				
Totals	5.70	4.70	3.25	2.81	6.70	2.41	2.64	1.21	8.89	3.41	.16	1.75

Total fall for the year 43.63 inches.

TABLE D

## RECORD OF RAIN FALL AT LONG PLAIN

Date	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.
1					.60	1.59		.04				
2												
3		.24										
4			1.55									
5	2.80	.15				.04				.086		
6							.06					
7				.33	1.32							
8							.35				.16	
9	.06		.20									
10	.34			.04	.20	.51				1.80		
11		.70		2.27								
12				.10					.76			
13	.23					.90		.16				.07
14							.27					
15												.04
16		1.34										
17			.15			.04		.30	.32	.41		
18					2.64							
19			2.60									
20		.45			.09							
21						.04	.42		.32			
22					.12	.08						.94
23	1.13									.51		.25
24	.16											.18
25		1.34				.27	.62					
26				.45					7.06			
27							.06					
28	.79											
29				.20								.40
30						.17				.06		
31	1.33							.50				
Totals	6.84	4.22	4.50	3.39	4.97	3.64	1.78	1.00	8.46	2.87	.16	1.88

Total fall for the year 43.71 inches.

TABLE E.

## STATEMENT OF WORK DONE BY LEAVITT ENGINE A FOR YEAR ENDING DECEMBER 1, 1924

Diameter Steam Cylinders 16%, and 36 $\frac{1}{4}$  in.  
 Diameter Pump Plungers, 13 7-10 and 19% in.  
 Stroke of piston and pump plungers, 90 inches.  
 Average working steam pressure 185 lbs.  
 Average static head 171.71 ft.

Months	Number of days or parts of days pumping	Total pumping time		Average number of strokes per minute	Lbs.	Total fuel used for all purposes	Total number of gallons pumped per month, allowance being made for slip.	Number of gallons pumped total coal.	Number of gallons raised 100 ft. per lb. of coal for total coal	Average dynamic head against pump in ft. no allowance for friction in suction	Average duty in pounds raised one foot high per 100 lbs. of coal, calculated on total fuel used for all purposes. No deductions.
		H.	M.								
December 1923	30	696	35	31.7	370,275	294,799,128	796	1499	188.37	125,077,615	
January 1924	31	692	50	31.3	365,100	289,556,598	793	1494	188.40	124,604,500	
February 1924	29	675	15	29.8	337,525	268,441,290	795	1496	188.25	124,866,059	
March 1924	31	725	55	29.8	354,000	288,158,220	814	1531	188.14	127,724,714	
April 1924	30	671	35	30.2	327,425	270,080,316	826	1556	188.49	129,787,707	
May 1924	31	712	00	28.3	330,150	268,541,412	813	1532	188.54	127,599,698	
June 1924	30	687	05	30.1	336,700	275,624,988	818	1554	190.04	129,720,662	
July 1924	30	718	05	31.1	357,625	298,183,296	833	1569	188.40	131,009,379	
August 1924	31	734	25	31.4	364,675	308,079,390	844	1588	188.25	132,634,861	
September 1924	30	671	15	31.3	340,795	280,350,258	822	1561	189.96	130,327,467	
October 1924	30	714	25	31.6	372,325	300,863,724	808	1523	188.60	127,102,873	
November 1924	29	685	35	30.9	355,945	282,369,126	793	1480	186.77	123,528,720	
Totals & Averages	363	8385	00	30.6	4,212,300	3,425,047,746	813	1532	188.52	127,841,193	

The duty is based on total fuel used for all purposes. This includes banking fires, starting, heating building, running shop engine during day and electric light engine at night. No deduction for ashes, moisture in coal or anything else.



TABLE F.

STATEMENT OF WORK DONE BY ELECTRICALLY OPERATED De LAVAL CENTRIFUGAL PUMP C FOR THE YEAR ENDING DECEMBER 1, 1924.

Number of revolutions per minute, 1700 to 1800  
 Capacity when pumping alone per 24 hours,  $6\frac{1}{4}$  million gallons  
 Capacity when pumping with one Leavitt Engine, per 24 hours, 6 million gallons  
 With Little Quittacas at elevation 50, Static head, 171.59  
 Average dynamic head for year, 189.46

Months	Number of days or parts of days pumping	Total pumping time per month		Current used per month K. W. H.	Number of gallons pumped per month	Number of gallons pumped per K. W. H.
		H.	M.			
December 1923	5	74	—00	16,700	18,088,000	1083
January 1924	12	200	—25	44,700	47,955,000	1072
February 1924	2	22	—50	5,100	5,480,000	1074
March 1924						
April 1924						
May 1924	2	12	—25	3,000	3,015,000	1005
June 1924	3	26	—30	5,900	6,309,000	1069
July 1924	9	92	—45	20,300	21,348,000	1051
August 1924	4	41	—00	9,000	9,616,000	1068
September 1924	4	43	—15	11,100	11,809,000	1064
October 1924	1	18	—15	4,000	4,224,000	1056
November 1924	3	48	—20	10,900	11,613,000	1065
Totals & aver.	45	579	—45	130,700	139,457,000	1067

Number of K. W. H. required to raise one million gallons into reservoir 937.21.

$$\text{Duty} = \frac{139,457,000 \times 8.34 \times 100 \times 189.46}{130,700 \text{ K. W. H.}} = 168,596.406 \text{ lbs. raised one foot high per 100 K. W. H.}$$

TABLE G.  
LOCATION AND SIZE OF CAST IRON MAIN PIPE LAID IN 1924.

Streets	12 in.	10 in.	8 in.	6 in.	4 in.	Cost
Alfred St., from Brooklawn, north .....				18		\$ 57.04
*Aquidneck St., from 735 ft. W. of Brock Ave. to pipe line Rodney French Blvd. (west) .....			271			792.04
Belair St., from 501.6 ft. W. of Acushnet Ave., west .....				266		960.27
*Belleville Ave., from pipe line Mazeppa, north .....			20			75.39
*Bellevue St., from 715 ft. E. of Mina, east .....			198			632.38
*Bellevue St., from Mina, west .....			136			591.05
*Branscomb St., from 464½ ft. W. of Felton, west .....				263		746.70
Bridge, Fish Island to Popes Island .....				901		16592.06
*Brockton St., from pipe line Worcester to pipe line Oliver		481				1898.97
*Brooklawn St., from Ashley Blvd. to Moynan .....			683	114		2329.03
*Brownell St., from Allen, south .....						366.99
Buchanan St., from 145 ft. E. of Mt. Pleasant east to Summer .....				222		523.73
*Calumet St., from 1060 ft. W. of Brock Ave. west to pipe line Rodney French Blvd. (west) .....				22		112.63
*Capitol St., from pipe line Rodney French Blvd. (W) east			166			487.88
Carney St., from pipe line Maxfield, north .....				27		185.75
Caroline St., from Durfee, south .....				115		390.25
*Chaffee St., from 742.5 ft. W. of Ashley Blvd., west .....			255			715.29
*Cleveland St., from Butler north to N. line Frederick .....			707			2084.63
Clinton St., between County and Cottage (removed in error 1923) .....					1	
DeWolf St., from 226 ft. S. of Mt. Vernon, south .....				193		423.40
*DeWolf St., from 418 ft. S. of Mt. Vernon to 228.9 ft. N. of Durfee .....				209		418.74

TABLE G—Continued  
LOCATION AND SIZE OF CAST IRON MAIN PIPE LAID IN 1924.

Streets	12 in.	10 in.	8 in.	6 in.	4 in.	Cost
*Ellen St., from 319.7 ft. W. of Brock Ave., west.....				13		32.31
*Elm St., from 1 ft. E. of W. line Florence to 1 ft. E. of W. line Rounds.....	272					1150.23
Emery St., from 484 ft. W. of Brock Ave., west.....				60		167.37
*Emma St., from 428 ft. W. of Brock Ave., west to pipe line. Freeman.....				30		59.37
*Farm St., from 121 ft. E. of Brownell, east.....				48		151.17
Flagg St., from pipe line Maxfield, north.....				24		107.07
*Florence St., from pipe line Maxfield, south.....			13			51.43
*Frank St., from 28 ft. E. of Transit, east.....				77		329.30
*Freeman St., from Emery to Ellen.....				480		1174.76
*Gaywood St., from 153 ft. W. of Brownell Ave., west.....				164		505.43
Glennon St., from Ashley Blvd. to 5 ft. E. of Ashley Blvd.				62		555.26
*Glennon St., from 238.6 ft. W. of Ashley Blvd., west.....				114		274.14
*Hanson St., from Wood, north.....				148		541.59
*Harwich St., from 1 ft. E. of W. line Acushnet Ave. to pipe line Plympton.....				262		441.81
Harwich St., between Felton and Conduit (omitted 1921)				12		
*Harwich St., from 587 ft. W. of Felton west to 5.6 ft. E. of W. line Orleans.....		708		121		251.73
*Hawes St., from 578.7 ft. No. of Lynn, north to Holyoke Hawthorn St., from 65 ft. W. of Rockdale Ave., west....				81		160.39
*Hemlock St., from pipe line Frank, north.....			176			2534.55
*Holyoke St., from pipe line Lowell to pipe line Hawes..			419			608.88
*Hunter St., from S. line to N. line Maxfield.....			40			1404.45
Irrington St., from 44 ft. W. of Milford west to Lafayette Kings Highway, from 778 ft. E. of Mt. Pleasant, east..			147	5		152.17
						374.55
						17.82

TABLE G—Continued  
LOCATION AND SIZE OF CAST IRON MAIN PIPE LAID IN 1924.

Streets	12 in.	10 in.	8 in.	6 in.	4 in.	Cost
*Kirby St., from 427 ft. N. of Allen, north.....			162			547.27
Lafayette St., from Irvington, north.....			123			357.30
*Lafayette St., from 374 ft. S. of Carlisle, south.....			139			460.21
Lindsey St., from pipe line Maxfield, north.....				26		109.26
*Lucas St., from ter. 886 ft. W. of Brock Ave. to Rodney French Blvd. (west).....				332		892.65
*Maple St., from 155 ft. W. of Reed to Rockdale Ave. (east main).....				125		324.73
*Meriam St. from 164 ft. N. of Bedford north to Moreland Ter.....				362		809.52
*Milton St., from 307 ft. W. of Rockdale Ave. (new line), west.....				127		328.43
Moss St., from Butler, south.....				355		1093.03
*Oaklawn St., from 1204 ft. W. of Brock Ave. to Rodney French Blvd. (west).....				36		123.86
*Ohio St., from pipe line Acushnet Ave., West.....			236			716.96
*Oliver St., from pipe line Tarklin Hill Rd., north.....				320		913.35
*Orleans St., from pipe line Hersom to 5 ft. No. of Harwich			435			1169.89
*Osborn St., from 238 ft. E. of Hemlock, east.....			146			380.21
*Pine Grove St., from Maryland, north.....			101			347.72
*Plymouth St., from 114 ft. E. of Rockdale Ave. east to 247 ft. W. of Palmer.....				183		457.51
*Plymouth St., from 196 ft. W. of Rockdale Ave., west..				116		334.08
Potter St., from Whitlow, east.....				78		310.99
*Prescott St., from 659 ft. S. of Brockton south to Tarklin Hill Road.....				286		778.40
*Rockdale Ave. (east main) from 1 ft. S. to 2 ft. N. of Maple.....				53		132.10

TABLE G—Continued  
LOCATION AND SIZE OF CAST IRON MAIN PIPE LAID IN 1924.

Streets	12 in.	10 in.	8 in.	6 in.	4 in.	Cost
*Rockdale Ave. (east main) from 141 ft. S. of Bedford south to Allen				299		1027.37
*Rodney French Blvd. (west) from pipe line Bellevue to pipe line Lucas			1130			3115.10
Rodney French Blvd. (west) from 5 ft. N. to 8 ft. S. of Oaklwan			27	63		161.37
*Rounds St., from pipe line Elm, north				19		246.60
Roy St., from Brooklawn, north				187		57.11
*Shaw St., from 61 ft. W. of Brook, west						439.15
*Stetson St., from 124 ft. N. of Bedford north to Moreland Ter.				401		1219.45
Summit St., from 96 ft. N. of Hillman, north			511	83		298.72
*Swan St., from Butler, south						2315.86
Sycamore St., from Liberty, east				129		369.28
*Tinkham St., from 94 ft. W. of Hope, west				203		455.87
*Truro St., from River Rd., west				169		579.30
Van Buren St., from 137 ft. W. of Sumner to 4 ft. W. of E. line Mt. Pleasant				213		453.98
Webster Court, from 176 ft. W. of Diman, west					146	283.82
Whitlow St., from Potter, south				183		489.05
*Yates St., from 242 ft. N. of Tarkiln Hill Rd., north				24		91.02
Totals	272	1189	6241	8423	147	

\*De Lavaud pipe.

TABLE G—Continued

LOCATION AND SIZE OF CAST IRON MAIN PIPE REMOVED IN 1924.

Streets	6 in.		4 in.	
Elm St., from 1 ft. E. of W. line Florence to 1 ft. E. of W. line of Rounds .....	272		210	
Holyoke St., from pipe line Lowell to pipe line Lawrence.....	63		27	
Rodney French Blvd. (W) from 5 ft. N. to 8 ft. S. of Oaklawn				
Rounds St., from pipe line Elm, north.....				
Totals .....	335		237	



TABLE G—Concluded  
SUMMARY

		Cast Iron										
	Steel											
	48 in.	48 in.	36 in.	30 in.	24 in.	20 in.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Previous to 1924	42381	18917	68579	41162	9811	11310	48791	58119	77112	228829	390513	41821
Laid in 1924								272	1189	6241	8423	147
Total laid	42381	18917	68579	41162	9811	11310	48791	58391	78301	235070	398936	41968
Removed in 1924											335	237
Total now in use	42381	18917	68579	41162	9811	11310	48791	58391	78301	235070	398601	41731

Total length laid in 1924, 16,272 feet or 3,081,818 miles  
 Total length removed in 1924, 572 feet or .108333 miles  
 Total length of pipe in use December 1, 1924, 1,053,045 feet or 199,440,303 miles

TABLE H.

LOCATION AND SIZE OF SMALL SIZED DISTRIBUTION  
PIPE LAID IN 1924.

Streets	2 in. cast iron	1 in. L lead
Glennon St., from 352 ft. W. of Ashley Blvd., west. Victoria St., from 111 ft. W. of Acushnet Ave., west	107	55
Totals .....	107	55

LOCATION AND SIZE OF SMALL SIZED DISTRIBUTION  
PIPE REMOVED IN 1924.

Streets	2 in. lead	$\frac{3}{4}$ in. H lead	$\frac{5}{8}$ in. L lead
Bellevue St., from pipe line Mina, west..... Bridge from Fish Island to Popes Island..... Irvington St. from 43 ft. W. of Milford West...	762	120	9
Totals .....	762	120	9

In use previous to 1924, 9,153 feet  
Laid in 1924, 162 feet

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9,315 feet

Removed in 1924, 891 feet

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In use Dec. 1, 1924..... 8,424 feet or 1.59545 miles

TABLE I.

LOCATION AND SIZE OF STOP GATES SET IN 1924.

Streets	10 in.	8 in.	6 in.	4 in.
Aquidneck St., E. side, Rodney French Blvd. (W)		1		
Bellevue St., west side Rodney French Blvd (E)		1		
Bellevue St., west side Mina.....		1		
Branscomb St., west side Felton.....			1	
Branscomb St., west side Orleans.....			1	
Bridge (Popes Island) on river pipe .....			1	
Brockton St., east side Church.....	1			
Brockton St., west side Church.....	1			
Brooklawn St., east side Ashley Blvd. ....		1		
Brooklawn St., west side Moynan.....		1		
Brownell St., south side Allen.....			1	
Butler St., east side Swan.....			1	
Calumet St., east side Rodney French Blvd. (W)			1	
Capitol St., east side Rodney French Blvd. (W)		1		
Caroline St., south side Durfee.....			1	
Cedar St., north side Court.....			1	
Chancery St., south side North.....			1	
Chestnut St., north side Pope.....			1	
Clark St., west side County .....			1	
Clark St., E. of Myrtle (north) 82 ft. ....			1	
Cleveland St., south side Norman .....		1		
Cleveland St., north side Butler .....		1		
Dunbar St., east of Dartmouth, 80 ft. ....			1	
Elm St., W. of Cottage, 92 ft. ....		1		
Fish Island, on river pipe.....			1	
Foster St., S. of Kempton, 21 ft. ....		1		
Freeman St., south side Emma .....			1	
Glennon St., east side, Ashley Blvd. ....			1	
Hanson St., north side Wood .....			1	
Harwich St., west side Acushnet Ave. ....			1	
Harwich St., east side Orleans .....			1	
Holyoke St., east side Lawrence .....		1		
Holyoke St., east side Hawes .....		1		
Lafayette St., north side Irvington .....		1		
Liberty St., north of Court, 68 ft. ....			1	
Lucas St., east side Rodney French Blvd. (W)			1	
Madison St., east of Purchase, 70 ft. ....	1			
Maple St., east side Rockdale Ave. ....			1	
Maxfield St., west of Pleasant, 54 ft. ....		1		
Moss St., south side Butler .....			1	
Norman St., east side Cleveland .....			1	

TABLE I—Continued

LOCATION AND SIZE OF STOP GATES SET IN 1924.

Streets	10 in.	8 in.	6 in.	4 in.
Oaklawn St., E. side Rodney French Blvd. (W)			1	
Ohio St., west side Acushnet Ave. ....		1		
Oliver St., north side Tarkiln Hill Rd. ....			1	
Orleans St., north side Branscomb ....		1		
Orleans St., north side Hersom ....		1		
Penniman St., west side County ....				1
Pleasant St., south of Russell, 85 ft. ....			1	
Pope St., east of Summer, 151 ft. ....			1	
Prescott St., north side Tarkiln Hill Rd. ....			1	
Rockdale Ave., north side Allen ....			1	
Rodney French Blvd. (W) north side Bellevue		1		
Rounds St., north side Elm ....		1		
Rounds St., south side Elm ....		1		
Shawmut Ave., north of Maitland, 108 ft. ....		1		
Sixth St., at hydt., S. W. cor. of Union ....		1		
Spruce St., north side Maxfield ....				1
Stetson St., south side Moreland Terrace ....			1	
Summer St., north side Pope ....		1		
Swan St., south side Butler ....		1		
Truro St., west side River Rd. ....			1	
Union St., at hydt., S. W. corner of County ..			1	
Totals .....	3	24	33	2

TABLE I—Concluded

## LOCATION AND SIZE OF STOP GATES REMOVED IN 1924.

Streets	16, in.	6 in.	4 in.
Cedar St., north side Court .....		1	
Purchase St., north side Pearl .....	1		
Rounds St., north side Elm .....			1
Totals .....	1	1	1

Number of Stop Gates Set in 1924 .....	62
Number removed .....	3
Number to be added .....	59
Number in use December 1, 1923 .....	2681
Number in use December 1, 1924 .....	2740

TABLE J.

LOCATION AND SIZE OF SMALL SIZED STOP GATES  
SET IN 1924.

Streets	2 in.	1½ in.
In Freetown:—		
*Middleboro Rd., N. of Mortons Corner .....	1	
*Water Works Private Highway E. of Middleboro Rd.		1
Totals .....	1	1

\*Previously laid.

LOCATION AND SIZE OF SMALL SIZED STOP GATES  
REMOVED IN 1924.

Streets	2 in.	¾ in.
Bellevue St., west side Mina .....		1
Court St., at Watering Cart hydt., south side, W. of County, 18 ft. ....	1	
Sawyer St., at watering cart hydt., E. of Mitchell, 419 ft.	1	
Union St., at watering cart hydt., W. of County (south), 64 ft. ....	1	
Totals .....	3	1

Number of small sized stop gates set in 1924..... 2

Number removed ..... 4

Number to be deducted ..... 2

Number in use December 1, 1923 ..... 103

Number in use December 1, 1924 ..... 101



TABLE K.

LOCATION AND SIZE OF PRIVATE STOP GATES  
SET IN 1924.

Streets	8 in.	6 in.	4 in.	3 in.	2 in.
Acushnet Ave., at Jireh Swift Sch. N. of Tarkiln Hill Rd., 223 ft. ....			1		
Acushnet Ave., at Henry J. Magnant, S. of Hathaway, 61 ft. ....			1		
Acushnet Ave., at Agnes R. Potter, S. of High, 76 ft. ....			1		
Acushnet Ave., at Acushnet Ave. School, N. of South, 207 ft. ....			1		
Austin St., at Sacred Heart Parish, W. of Summer, 40 ft. ....					1
Austin St., at Sacred Heart Parish, W. of Summer, 38 ft. ....		1			
Clark St., at Clark St. School, E. of Myrtle, 90 ft. ....			1		
Coggeshall St., at H. M. Knowlton School, E. of County, 72 ft. ....			1		
Cottage St., at D. J. Sullivan, N. of Collins, 43 ft. ....		1			
County St., at Trinity M. E. Church, S. W. Cor. Elm. ....					1
Dunbar St., at Geo. H. Dunbar School, E. of Dartmouth, 76 ft. ....			1		
Earle St., at St. Killians School, W. of Acushnet Ave., 209 ft. ....					1
Elizabeth St., at Edward V. Lahey, E. of Brigham, 52 ft. ....			1		
Elm St., at Geo. E. Tripp, W. of Cottage, 98 ft. ....			1		
Emma St., at Peter A. Blier, W. of Brock Ave., 20 ft. ....					1
Foster St., at Sylvia Ann Howland School, S. of Kempton, 19 ft. ....			1		
Frank St., at Town of Dartmouth, opposite Avon. ....					1
Gaywood St., at Town of Dartmouth, W. of Brownell, 321 ft. ....					1
Glennon St., at Leary & Walker, E. of Ashley Blvd., 78 ft. ....			1		
Hathaway Rd., (on by-pass, W. of meter) at Town of Dartmouth .... (omitted 1923)	1				
Hathaway Rd., (on by-pass, E. of Meter) at Town of Dartmouth .... (omitted 1923)	1				

TABLE K—Continued

LOCATION AND SIZE OF PRIVATE STOP GATES  
SET IN 1924.

Streets	8 in.	6 in.	4 in.	3 in.	2 in.
Hyacinth St., at St. Hyacinth School, N. of Rivet, 138 ft. ....					1
Jenney St., at Croshere & Green, S. of Kempton, 63 ft. ....		1			
Kempton St., at Joseph A. Robida, W. of Jenny Lind, 157 ft. ....			1		
Kings Highway, at John I. Paulding, Inc., E. of Mt. Pleasant, 828 ft. ....			1		
Kings Highway at John I. Paulding, Inc., E. of Mt. Pleasant, 829 ft. ....					1
Liberty St., at Harrington School, N. of Court, 64 ft. ....			1		
Madison St., at T. A. Greene School, E. of Purchase, 71 ft. ....			1		
Market St., at Union For Good Works, W. of Pleasant, 84 ft. ....			1		
Maxfield St., at Textile School, W. of Purchase, 94 ft. (Laid 1922) ....					1
Maxfield St., at Textile School, W. of Purchase, 91 ft. (laid 1922) ....		1			
Maxfield St., at Mary B. White School, W. of Pleasant, 49 ft. ....			1		
Maxfield St., at Sargent Field, oppo. Florence ....					1
Middle St., at Andrews & Pierce, Inc., W. of James, 75 ft. ....			1		
Norman St., at Wm. H. Taylor School, E. of Brock Ave., 87 ft. ..			1		
Orchard St., at Harrop & Perry, S. of Rivet, 186 ft. ....		1			
Pearl St., at Margaret E. O'Brien, E. of Purchase, 57 ft. ....			1		
Phillips Ave., at Phillips Ave. School, E. of Ashley Blvd., 58 ft. ..			1		
Pleasant St., at Allen F. Wood School, S. of Russell, 90 ft. ....			1		
Pleasant St., at Pleasant St. Trust N. of Union, 98 ft. ....			1		
Pope St., at Parker St. School, E. of Summer, 155 ft. ....			1		
Ruth St., at St. Anne's Convent, E. of Viall, 47 ft. ....					1
Second St., at Louis Rubin, S. of Maxfield, 141 ft. ....		1			

TABLE K—Continued

LOCATION AND SIZE OF PRIVATE STOP GATES  
SET IN 1924.

Streets	8 in.	6 in.	4 in.	3 in.	2 in.
Shawmut Ave., at H. A. Kempton School, N. of Maitland 113 ft. ....			1		
Sixth St., at Tiferes Israel Cong., S. of Madison, 27 ft. ....					1
South St., at T. A. Donaghy School, E. of Purchase, 80 ft. ....			1		
Spring St., at Y. W. C. Asso., W. of Pleasant, 70 ft. ....				1	
Swift St., at Joseph Hemingway, W. of Bolton, 188 ft. ....			1		
Union St., at Sidney Bogorad, W. of Sixth, 85 ft. ....			1		
Water St., at French Sharpshooters, S. of Gifford, 140 ft. ....		1			
Wood St., (on main supply W. of meter) at Town of Acushnet, E. of River Rd., 143 ft. ....	1				
Wood St., (on main supply E. of meter), at Town of Acushnet, E. of River Rd., 172 ft. ....	1				
Totals .....	4	7	28	1	12

TABLE K—Concluded

LOCATION AND SIZE OF PRIVATE STOP GATES  
REMOVED IN 1924.

Streets	2 in.
Cedar St., at Union Baptist Church, N. of Court, 62 ft. (removed 1920)	1
Totals .....	1
Number of Private Stop Gates Set in 1924 .....	52
Number removed .....	1
Number to be added .....	51
Number in use December 1, 1923 .....	483
Number in use December <sup>a</sup> 1, 1924 .....	534

TABLE L

## LOCATION AND SIZE OF AIR TAPS SET IN 1924

Streets	5/8 in.
Brooklawn St. E. side Ashley Blvd. ....	1
Totals .....	1
Number of Air taps set in 1924 .....	1
Number removed .....	0
Number to be added .....	1
Number in use December 1, 1923 .....	204
Number in use December 1, 1924 .....	205

TABLE M

## LOCATION AND SIZE OF CHECK VALVES SET IN 1924

Streets	8 in.
Tarkiln Hill Rd., Town of Acushnet connection, E. of W. line River Rd., 36 ft. ....	1
Totals .....	1

Number of Check valves set in 1924 .....	1
Number removed .....	0
Number to be added .....	1
Number in use December 1, 1923 .....	9
Number in use December 1, 1924 .....	10

## TABLE N

## LOCATION OF HYDRANTS SET IN 1924.

Austin St., south side, 293 ft. of E. Summer.  
 Belair St., south side, 767 ft. W. of Acushnet Ave.  
 Bellevue St., south side, 117 ft. W. of Mina.  
 Branscomb St., S. W. Cor. Orleans.  
 Brockton St., S. W. Cor. Oliver.  
 Brownell St., west side, 98 ft. S. of Allen.  
 Buchanan St., S. W. Cor. Summer.  
 Butler St., S. E. Cor. Swan.  
 Caroline St., west side, 100 ft. S. of Durfee.  
 Chaffee St., south side, 129 ft. W. of Beechwood.  
 Chancery St., S. W. Cor. North.  
 DeWolf St., west side, 419 ft. S. of Mt. Vernon.  
 Farm St., south side, 169 ft. E. of Brownell.  
 Frank St., south side, 105 ft. E. of Transit.  
 Freeman St., N. E. Cor. Emery.  
 Gaywood St., south side, 322 ft. W. of Brownell Ave.  
 Glennon St., south side, 351 ft. W. of Ashley Blvd.  
 Hanson St., west side, 115 ft. N. of Wood.  
 Harwich St., S. E. Cor. Orleans.  
 Hawthorn St., south side, 773 ft. W. of Rockdale Ave.  
 Hemlock St., west side, 144 ft. N. of Frank.  
 Kirby St., west side, 589 ft. N. of Allen.  
 Lafayette St., west side, 513 ft. S. of Carlisle.  
 Lafayette St., west side, 90 ft. N. of Irvington.  
 Lincoln St., west side, 171 ft. S. of Union.  
 Lucas St., S. E. Cor. Rodney French Blvd. (W).  
 Maple St., S. E. Cor. Rockdale Ave.  
 Maxfield St., opposite Carney.  
 Meriam St., S. W. Cor. Moreland Terrace.  
 Milton St., south side, 434 ft. W. of Rockdale Ave.  
 Moss St., S. W. Cor. Butler.  
 Moss St., west side, 340 ft. S. of Butler.  
 Norman St., south side, 175 ft. E. of Brock Ave.  
 Ohio St., south side, 216 ft. W. of Acushnet Ave.  
 Oliver St., west side, 495 ft. S. of Brockton.  
 Oliver St., N. W. Cor. Tarkiln Hill Rd.  
 Osborn St., south side, 384 ft. E. of Hemlock.  
 Pine Grove St., west side, 70 ft. N. of Maryland.  
 Plymouth St., south side, 312 ft. W. of Rockdale Ave.  
 Prescott St., N. W. Cor. Tarkiln Hill Rd.  
 Shaw St., south side, 249 ft. W. of Brook.  
 Sixth St., S. W. Cor. Union.  
 Stetson St., west side, 139 ft. N. of Bedford.  
 Summit St., west side, 182 ft. N. of Hillman.  
 Swan St., west side, 318 ft. S. of Butler.  
 Swan St., west side, 497 ft. S. of Butler.  
 Sycamore St., south side, 103 ft. E. of Liberty.  
 Tinkham St., south side, 297 ft. W. of Hope.  
 Truro St., S. W. Cor. River Rd.  
 Truro St., south side, 150 ft. W. of River Rd.



## TABLE N—Continued

## LOCATION OF HYDRANTS SET IN 1924.

Van Buren St., S. E. Cor. Mt. Pleasant.  
 Walnut St., south side, 59 ft. E. of Sixth.  
 Webster Ct., south side, 321 ft. W. of Diman.  
 Whitlow St., S. W. Cor. Potter.  
 Winterville Rd., south side, 401 ft. W. of Rockdale Ave.  
 Yates St., west side, 266 ft. N. of Tarkiln Hill Rd.

## LOCATION OF HYDRANTS REMOVED IN 1924.

Buchanan St., south side, 145 ft. E. of Mt. Pleasant.  
 Chaffee St., south side, 67 ft. W. of Heywood.  
 DeWolf St., west side, 226 ft. S. of Mt. Vernon.  
 DeWolf St., west side, 229 ft. N. of Durfee.  
 Emery St., south side, 485 ft. W. of Brock Ave.  
 Farm St., south side, 121 ft. E. of Brownell.  
 Gaywood St., south side, 153 ft. W. of Brownell Ave.  
 Glennon St., south side, 239 ft. W. of Ashley Blvd.  
 Harwich St., south side, 77 ft. E. of Orleans.  
 Hawthorn St., south side, 65 ft. W. of Rockdale Ave.  
 Irvington St., south side, 44 ft. W. of Milford.  
 Kirby St., west side, 427 ft. N. of Allen.  
 Lincoln St., west side, 171 ft. S. of Union—Flush.  
 Lucas St., south side, 886 ft. W. of Brock Ave.  
 Maple St., south side, 156 ft. W. of Reed.  
 Meriam St., west side, 164 ft. N. of Bedford.  
 Oliver St., west side, 731 ft. S. of Brockton.  
 Osborn St., south side, 238 ft. E. of Hemlock.  
 Plymouth St., south side, 114 ft. E. of Rockdale Ave.  
 Potter St., south side, 113 ft. W. of Oaklawn.  
 Prescott St., west side, 238 ft. N. of Tarkiln Hill Rd.  
 Quansett St. west side, 140 ft. S. of Deane.  
 River Rd., west side, 864 ft. N. of Sylvia.  
 Rockdale Ave., east side, 140 ft. S. of Bedford.  
 Shaw St., south side, 61 ft. W. of Brook.  
 Tinkham St., south side, 94 ft. W. of Hope.  
 Union St., S. W. Cor. Sixth.  
 Van Buren St., south side, 137 ft. W. of Summer.  
 Webster Ct., south side, 176 ft. W. of Diman.  
 Whitlow St., west side, 489 ft. N. of Durfee.  
 Yates St., west side, 242 ft. N. of Tarkiln Hill Rd.

Number of hydrants set in 1924 .....	56
Number removed .....	31

Number to be added .....	25
Number in use December 1, 1923 .....	1715

Number in use December 1, 1924 .....	1740
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TABLE O.

## LOCATION OF WATERING CART HYDRANTS

REMOVED IN 1924.

Court St., south side, W. of County, 20 ft.	Post
Sawyer St., north side, E. of Mitchell, 419 ft.	Flush
Union St., south side, W. of County (south), 62 ft.	Flush

Number of watering cart hydrants set in 1924 .....	0
Number removed .....	3
Number to be deducted .....	3
Number in use December 1, 1923 .....	56
Number in use December 1, 1924 .....	53

TABLE P.

STATEMENT OF WORK DONE BY THE SERVICE DEPARTMENT FOR THE YEAR ENDING  
DECEMBER 1, 1924.

Kind and Size	No. of Services	Length on taker	Length on City
Lead pipe 1 inch heavy.....	4	43½	90
Lead pipe 1 inch light.....	4	679	132
Lead pipe ¾ inch light.....	71	1316½	1711
Lead pipe ⅝ inch heavy.....	164	1875	3871
Lead pipe ⅝ inch light.....	258	3067	6626
Cast Iron pipe 6 inch.....	5	101	
Cast Iron pipe 4 inch.....	28	1218	
Cast Iron pipe 3 inch.....	1	26	
Cast Iron pipe 2 inch.....	9	316	
DeLavaud pipe 6 inch.....	2	106	
Wrought Iron 2 inch.....	1	24	
Totals .....	547	8772	12430

One 2 inch wrought iron service has been removed and replaced with 2 inch cast iron pipe.

One  $\frac{3}{4}$  inch iron service has been removed and replaced with  $\frac{3}{4}$  inch light lead pipe.

One  $\frac{5}{8}$  inch heavy lead service has been removed and replaced with 2 inch cast iron pipe.

Two  $\frac{5}{8}$  inch heavy lead services have been removed and replaced with 1 inch heavy lead pipe.

One  $\frac{5}{8}$  inch light lead service has been removed and replaced with 1 inch light lead pipe.

One  $\frac{5}{8}$  inch light lead service has been removed and replaced with  $\frac{3}{4}$  inch light lead pipe.

One  $\frac{5}{8}$  inch iron service has been removed and replaced with  $\frac{5}{8}$  inch heavy lead pipe.

Two connections to services previously laid have been removed.

Two connections to services previously laid have been made by City, using 167 ft. 4 inch cast iron pipe and 49 ft.  $\frac{5}{8}$  inch heavy lead.

Twenty-nine extensions to services previously laid have been made by City, using 187½ ft. 3 inch cast iron, 12 ft. 1 inch light lead, 118 ft.  $\frac{3}{4}$  inch light lead, 85½ ft.  $\frac{5}{8}$  inch heavy lead and 153 ft.  $\frac{5}{8}$  inch light lead.

One 4 inch cast iron, one 3 inch cast iron, one 2 inch galvanized iron, one 1 inch heavy lead, two  $\frac{3}{4}$  inch light lead, one  $\frac{5}{8}$  inch heavy lead, eleven  $\frac{5}{8}$  inch light lead, one  $\frac{1}{2}$  inch heavy lead and one  $\frac{1}{2}$  inch light lead services have been removed.

Length of service pipe laid during the year....	21,974 ft.
Number of services laid 1924 .....	547
Number of services removed.....	20

Number to be added .....	527
Number in use December 1, 1923 .....	17789

Number in use December 1, 1924 .....	18316
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TABLE Q.  
THE FOLLOWING IS A LIST OF THE DIFFERENT MAKES AND SIZES OF METERS  
IN COMMISSION.

MAKE	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	1"	$1\frac{1}{2}$ "	2"	3"	4"	6"	8"	Totals
Crown .....		104	53	9	2	1	3	1			173
Empire .....		1941	405	13	6	69	26	28	3	1	2492
Empire Compound .....						1	4	4	1		10
Arctic .....		6									6
Nash .....		289	67	13							369
Gem .....								2	2		4
Hersey Compound .....							3	1			4
Hersey Detector .....								2	10	2	14
Hersey Disc .....						7					4284
Hersey Rotary .....		3017	1146	112	2						76
Hersey Torrent .....		48	20	5	2	14		1			17
Neptune .....		4						3			4
Union Rotary .....		1	94	6	1	2	2	4			110
King .....		5061	1223	151	4	51					7030
Lambert .....		1049	171	20		10	9	9	1		1270
Thomson .....	1	1									1
Trident Compound .....						1	1	4	7		13
Trident Crest .....						4	6	4	1		15
Trident Disc .....		206	30	7	9						252
Watch Dog .....		10									10
Worthington Disc .....		722	196	45		1					964
Worthington Turbine .....									1	1	2
Totals .....	1	12999	3405	381	26	161	54	63	26	4	17120

TABLE R.  
MAINTENANCE OF METERS DURING THE YEAR 1924.

REPAIRED					CLEANED and TESTED			Total Number Repaired and Cleaned and Tested	Total Cost
Size	Frozen	Other Repairs	Total Number Repaired	Cost	Average Cost per Meter	Total Number Cleaned and Tested	Cost	Average Cost per Meter	
6 inch		7	7	\$ 81.93	\$11.70			7	\$ 81.93
4 inch		8	8	87.70	10.96			8	87.70
3 inch		3	3	17.15	5.71			3	17.15
2 inch		25	25	250.96	10.04			25	250.96
1½ inch		3	3	3.60	1.20			3	3.60
1 inch	2	35	37	200.41	5.43			37	200.41
¾ inch	18	352	370	1407.96	3.81	1	2.75	371	1410.71
⅝ inch	114	1263	1377	5017.19	3.64	21	51.50	1398	5068.69
Totals	134	1696	1830	7066.90		22	54.25	1852	7121.15

## SUMMARY OF STATISTICS.

FOR THE YEAR ENDING DEC. 1, 1924.

IN FORM RECOMMENDED BY THE NEW ENGLAND  
WATER WORKS ASSOCIATION.

## NEW BEDFORD WATER WORKS.

NEW BEDFORD,  
BRISTOL COUNTY, MASS.

## GENERAL STATISTICS.

Population by census of 1920, 121,217.

Date of construction, 1866 to 1869, inclusive. Further supply,  
1895 to 1899, inclusive.

By whom owned, City of New Bedford.

Source of supply.—Water was first introduced on Nov. 26, 1869.

From that date until July 10, 1899, the supply was taken from a storing reservoir artificially formed by constructing a dam across the valley of the Acushnet River, seven miles north of the centre of the City. This supply was augmented by a connection made in 1886 with Little Quittacas Pond.

Since July 10, 1899, the whole supply has been taken from Great and Little Quittacas Ponds, eleven miles north of the centre of the city.

Mode of supply.—Previous to July 10, 1899, the water flowed by gravity from the Acushnet Storing Reservoir (grade 40' + high water New Bedford Harbor) through a brick conduit 3 feet wide, 4 feet high, 5 6-10 miles long to a receiving reservoir (capacity 3 million gallons; grade 30') located opposite the Purchase Street Pumping Station. Thence it was pumped into the Mt. Pleasant Distributing Reservoir (capacity 15 million gallons; grade 154') located 1,879 feet distant, from whence it flowed by gravity into the city's distributing system.

Since July 10, 1899, the entire supply has been pumped from little Quittacas Pond (grade 52' through a 48 inch steel force main  $8\frac{3}{4}$  miles long) to a distributing reservoir (capacity 67 million gallons; grade 216') located upon High Hill, in the town of Dartmouth. From this reservoir it flows into the city's distributing system by gravitation through two 36-inch cast iron pipes averaging 4 1-17 miles in length.

It is also possible to pump directly to the city through a 48" and 36" main using either reservoir as a balance. This latter connection was completed in 1922.

The first named system is not now in use, but is held in reserve to meet any emergency which might occur



## PUMPING STATISTICS

1. Builders of Pumping Machinery.  
Purchase Street Station:
  - a. McAlpine engine.  
built by Quintard Iron Works. Cap. 5,000,000 gals. per 24 hrs.
  - b. High duty engine.  
built by Henry R. Worthington, Cap. 5,000,000 gals. per 24 hrs.
 Little Quittacas Station:
  - a. b. Leavitt engines in duplicate, Capacity of the two engines  
built by Dickinson Mfg. Co. 20,000,000 gallons per 24 hrs.
  - c. DeLaval electrically oper- Capacity about 6,000,000 gals.,  
ated centrifugal pump, di- delivered into High Hill Res-  
rectly connected with a ervoir in 24 hours.  
General Electric squirrel  
cage type I. Form K. 3  
phase, 60 cycle, 550 volt,  
250 H. P., induction A. C.  
motor, operating at about  
1800 revolutions per minute,  
built by DeLaval Steam  
Turbine Co. Current pur-  
chased of New Bedford Gas  
and Edison Light Co.

## LITTLE QUITTACAS STATION—Engine A.

2. Description of fuel used.
  - a. Kind—bituminous.
  - b. Brand of coal—New River.
  - c. Price of coal per net ton—delivered Little Quittacas  
Station \$6.26.
  - d. Percentage of ash—7.
  - e. Wood, price per cord—none used.
3. Coal consumed for the year—4,212,300 lbs.
4. (Pounds of woods consumed) ÷ 3—equivalent amount of coal  
—none used.
5. Total equivalent coal consumed for the year=(3)+(4)  
4,212,300 lbs.
6. Total pumpage for the year—3,425,047,746 gallons, with al-  
lowance for slip.
7. Average static head against which pump works.—171.71
8. Average dynamic head against which pump works—188.52  
feet.
- 9a. Number of gallons pumped per pound of equivalent coal (5)  
813.
- 9b. Number of gallons raised 100 feet per pound of equivalent  
coal (5) 1532.
- 10a. Duty =  $\frac{\text{gals. pumped (6)} \times 8.34 \text{ (lb. x 100 x dynamic head (8))}}{\text{Total fuel consumed (5)}} = 127,841,193.$
- 10b. Cost per million gallons raised into High Hill Reservoir  
(engine A only) \$13.31.

## LITTLE QUITTACAS STATION—Engine C.

11. Total pumping time for the year, 579¾ hours.
12. Total current used for the year, 130,700 K. W. H.
13. Total pumpage for the year, 139,457,000 gallons.
14. Number of gallons pumped per K. W. H., 1067.
15. Number of K. W. H. required to raise one million gallons into High Hill Reservoir, 937.21.  
Cost per K. W. H. varies in accordance with amount consumed.
16. Average cost per K. W. H. \$.027.
17. Cost per million gallons raised into High Hill Reservoir, (Engine C. only) \$26.10.

*Total cost of pumping, figured on pumping station expenses, viz: \$49,389.12.*

18. Per million gallons pumped—\$13.86.
19. Per million gallons raised one foot (dynamic)—7 cents.

*Cost of pumping figured on total maintenance and interest on bonds, (see financial CC+DD) viz: \$333,236.15.*

20. Per million gallons pumped—\$93.49.
21. Per million gallons raised one foot (dynamic)—49 cents.

*Cost of pumping figured on total maintenance, interests on bonds and bond payments (see financial CC+DD+EE) viz: \$383,236.15.*

22. Per million gallons pumped, \$107.51.
23. Per million gallons raised one foot (dynamic) 57 cents.

## FINANCIAL STATISTICS.

RECEIPTS.		EXPENDITURES.	
<b>Balance brought forward,</b>	\$35,544.25	<b>Water works maintenance:</b>	
(a) From ordinary (main- tenance) receipts,	66,914.54	AA. Operation, (management, and repairs, \$224,271.15	224,271.15
(b) From extraordinary re- ceipts (bonds, etc.)	224,176.20	CC. Total maintenance,	108,965.00
Total,	\$326,634.99	DD Interest on bonds,	
		CC + DD	\$333,236.15
<b>From Water Rates</b>			
A. Fixture rates,		EE. Payment of bonds,	50,000.00
B. Meter rates, \$365,344.70.		FF. Sinking Fund,	
C. Total from consumers,	351,643.01	<b>Water works construction:</b>	
D. Hydrants,		GG. Extension of mains ,	268,754.33
E. For fountains,		HH. Extension of services,	28,336.28
F. For street watering,		II. Extension of meters,	11,367.55
G. For public buildings, See J.		JJ. Special,	4,620.02
H. For miscellaneous uses,		KK. Total Construction,	313,078.18
I. General appropriations,		LL. Unclassified expenses : Diverted by Auditor,	24.50
J. Total from municipal departments	13,701.69	MM. Balance:	
K. From tax levy,		(aa) Ordinary,	
L. From bond issue,		Total balance,	17,674.76
M. From other sources : For building purposes,	982.60		
For meter rentals	21,051.30		
N. Total,	714,013.59	N. Total	\$714,013.59

## Disposition of balance.....

O. Net cost of works to date .....	\$5,803,838.31
P. Bonded debt to date.....	2,520,000.00
Q. Value of sinking fund at date.....	1,248,000.00
R. Net debt to date.....	1,272,000.00
S. Average rate of interest.....	4 <sup>27</sup> / <sub>100</sub> + per cent.

## STATISTICS OF CONSUMPTION OF WATER.

1. Estimated total population at date.....	145,000
2. Estimated population on lines of pipe.....	144,300
3. Estimated population supplied.....	144,300
4. Total consumption for the year.....	3,558,938,246
5. Passed through meters.....	2,894,748,000
6. Percentage of consumption metered.....	.81 per cent
7. Average daily consumption .....	9,750,515
8. Gallons per day to each inhabitant.....	.67
9. Gallons per day to each consumer .....	.68
10. Gallons per day to each tap.....	.492
11. Cost of supplying water, per million gallons figured on total maintenance (item CC) .....	\$62.92
12. Cost of supplying water, per million gallons figured on total maintenance plus interest on bonds.....	\$93.49
13. Total cost of supplying water per million gallons, fig- ured on total maintenance, plus interest on bonds and bond payments .....	\$107.51

Includes population supplied in the Towns of Dartmouth and Acushnet.

## STATISTICS RELATING TO DISTRIBUTING SYSTEM.

## MAINS

1. Kind of pipe, cast iron and steel.
2. Sizes, from 4 in. to 48 inch.
3. Extended 16,272 feet during the year.
4. Discontinued 572 feet during year.
5. Total now in use, 199 <sup>440803</sup>/<sub>1000000</sub> miles.
6. Cost of maintenance per mile including flushing and inspecting gates and hydrants, \$47.86.
7. Number of leaks per mile, .1103.
8. Length of pipes less than 4 inches diam., 15954 <sup>5</sup>/<sub>1000000</sub> miles.
9. Number of hydrants added during year (public and private), 26.
10. Number of hydrants (public and private) now in use, 2193.
11. Number of stop gates added during year, 59.
12. Number of stop gates now in use, 2740.
13. Number of stop gates smaller than 4 inch, 101.
14. Number of blow offs, 196.
15. Range of pressure on mains, 16 lbs. to 91 lbs.

## SERVICES

16. Kind of pipe; lead and cast iron.
17. Sizes,  $\frac{1}{2}$  inch to 10 inch.
18. Extended 21,974 feet.
19. Discontinued 457 feet.
20. Total now in use, 134,25678 miles
21. Number of service taps added during year:
 

New Bedford .....	527
Dartmouth .....	168
Acushnet .....	80
Total added .....	775
22. Number now in use:
 

New Bedford .....	18,316
Dartmouth .....	1,002
Acushnet .....	484
Total in use .....	19,802
23. Average length of service 38.70 feet.
24. Average cost of service for the year \$51.80.
25. Number of meters added, 620.
26. Number now in use, New Bedford only, 17,120.
27. Percentage of services metered, 93  $\frac{4}{10}$ .
28. Percentage of receipts from metered water (B  $\div$  C) 100.

CITY OF NEW BEDFORD.

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IN BOARD OF ALDERMEN,

January 5, 1925.

Received, ordered printed in the City Documents and  
sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

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IN COMMON COUNCIL,

January 5, 1925.

Concurred.

RUTH G. HILTON,

Clerk.

**CITY ORDINANCES**  
**AND AMENDMENTS**  
**PASSED BY THE CITY COUNCIL**  
**OF THE**  
**CITY OF NEW BEDFORD**

**From July 31, 1924 to June 30, 1925**



NEW BEDFORD, MASS.  
L'INDEPENDANT PRINTING  
1925



## CITY ORDINANCES

## CITY ORDINANCE

Repealing Sections 490 and 517, Revised Ordinances of 1916  
(Use of Streets, Public Grounds and Sidewalks)

## CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-four  
AN ORDINANCE

Repealing Sections 490 and 517 of the Revised Ordinances of 1916.

Be it ordained by the City Council of the City of New Bedford as follows:—

SECTION 1. Section 490, Revised Ordinances of 1916, as follows: "Section 490. No person shall place or keep any table, stall, booth or other structure, in any street or public grounds in the city for the sale of food, fruit, merchandise, or any other thing unless written permission is first obtained from the Superintendent of Streets and approved by the Mayor." is hereby repealed.

SECTION 2. Section 517, Revised Ordinances of 1916, as follows: "Section 517. No person shall place, suspend or cause to be placed or suspended any goods, wares, or merchandise whatever so that the same shall extend or project more than one foot into any street or public place," is hereby repealed.

SECTION 3. This ordinance shall take effect upon its passage.

## IN COMMON COUNCIL.

September 25, 1924.

Received and referred to Committee on Ordinances and sent up for concurrence.

RUTH G. HILTON, Clerk.

## IN BOARD OF ALDERMEN.

September 25, 1924.

Concurred

RODOLPHUS A. SWAN, City Clerk.

## IN BOARD OF ALDERMEN.

October 23, 1924.

Passed to be ordained.

WALTER H. B. REMINGTON, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCES

3 x

IN COMMON COUNCIL.

October 23, 1924.

Passed to be ordained.

ROBERT A. BARTLETT, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval October 24, 1924.

RODOLPHUS A. SWAN, City Clerk.

Approved October 24, 1924.

WALTER H. B. REMINGTON, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

## CITY ORDINANCES

## CITY ORDINANCE

Relative to First and Second Assistant Superintendent  
of Streets

## CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-four.

## AN ORDINANCE

Amending Section 476, Revised Ordinances of 1916, relative to First and Second Assistant Superintendent of Streets.

Be it ordained by the City Council of the City of New Bedford as follows:—

SECTION 1. Section 476, Revised Ordinances of 1916, is hereby amended by adding at the end thereof the words, "who shall nominate a first assistant and second assistant Superintendent of Streets, subject to confirmation by the Board of Aldermen," so that said section as amended shall read as follows:

SECTION 476. Annually, in the month of April, the Board of Aldermen shall elect a Superintendent of Streets, who shall nominate a first assistant and second assistant Superintendent of Streets, subject to confirmation by the Board of Aldermen.

SECTION 2. This ordinance shall take effect upon its passage.

## IN BOARD OF ALDERMEN.

October 23, 1924.

Passed to be ordained.

WALTER H. B. REMINGTON, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

## IN COMMON COUNCIL.

October 23, 1924.

Passed to be ordained.

ROBERT A. BARTLETT, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval October 24, 1924.

RODOLPHUS A. SWAN, City Clerk.

Approved October 24, 1924.

WALTER H. B. REMINGTON, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

# CITY ORDINANCES

## BUILDING CODE

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### CITY OF NEW BEDFORD

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In the Year One Thousand Nine Hundred and Twenty-Four.

#### AN ORDINANCE

Amending Sections 141-381, inclusive, R. O. of 1916, as amended.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Sections 141-381, inclusive R. O. of 1916, as amended, are hereby further amended by striking out all and the whole of the same and inserting in the place thereof numbered new sections from 141-336, inclusive, so that the same shall read as follows:

#### PART I.

##### ADMINISTRATION.

Section 141. There shall be in the City of New Bedford a department to be called the Building Department which shall be under the charge of the Superintendent of Buildings.

Section 142. Annually in the month of April the city council shall elect, in convention, a superintendent of buildings.

The Superintendent shall not be less than 35 years of age and shall have had at least ten years practical experience as an architect, builder, general superintendent, engineer or general foreman, of building construction.

Section 143. Annually in the month of April, the superintendent shall nominate, subject to confirmation by the city council, in convention, an assistant superintendent of buildings, who shall be at least 30 years of age and shall have had at least five years' practical experience as an architect, builder, general superintendent, engineer or general foreman of building construction, carpenter or mason.

Section 144. The assistant superintendent of buildings shall be under the direction of the superintendent, and may be removed by him. The assistant superintendent of buildings shall assist the superintendent in his duties, and in the absence of the superintendent or vacancy in that office he shall discharge the duties of the superintendent.

Section 145. The Superintendent of Buildings shall employ such persons as he may deem necessary to carry out the duties of his department and the work entrusted to him by the City Council, subject to the approval of the Mayor, and City Council.

Section 146. No officer connected with this department shall engage in any other business or be interested in the doing of work or the furnishing of material for the construction, repair or maintenance of any building, or in the making of plans or of specifications therefor, unless he is the owner of the building.

Section 147. The committee on building code shall act as a board of appeal, but no member shall act in any case in which he is directly or indirectly interested. Every decision of the committee on building code shall be in writing and shall require the assent of at least three members. In case any member of said committee is disqualified to act as herein provided, the mayor shall designate a member of the city council to act in place of the member disqualified during the hearing on appeal for which said member is disqualified.

Section 148. An applicant for a permit hereunder whose application has been refused may appeal therefrom within thirty days, and a person who has been ordered by the superintendent to incur any expense may, within ten days after being notified of such order, appeal therefrom by giving to the superintendent notice in writing of his appeal. Such notice or copy thereof shall at once be transmitted by the superintendent to the committee on building code. After notice given to such parties as the committee shall order, a hearing shall be had, and the committee shall affirm, annul or modify said refusal or order. The decision shall be filed in the office of the superintendent within ten days after the hearing. A certified copy shall be sent by mail or otherwise to the applicant, and a copy kept publicly posted in the office of the superintendent for two weeks thereafter. If the order or refusal of the superintendent is affirmed, or such order or refusal is modified or annulled, the superintendent shall issue a permit in accordance with such decisions.

## PART II.

### GENERAL POWERS AND DUTIES OF

#### ADMINISTRATION FORCE.

Section 149. The Superintendent of Buildings shall have charge of the construction, alteration and repair of public buildings, subject, however, to the direction of the committee, board or department having such construction, alterations or repairs in charge. He shall, at the request of any officer, board, or committee examine any proposed construction, alteration, or repairs of any public building, and shall report in writing his recommendations to said officer, board or committee, and an estimate of the cost of the work. Before any bids are obtained for the construction, alteration



or repair of any public building, the Superintendent of buildings shall carefully examine the plans and specifications for the same, and shall certify in writing to the city council, officer, board or committee having the matter in charge whether, in his judgment, said plans and specifications are sufficient and complete for their purpose. He shall carefully scrutinize all bills rendered for work performed and materials furnished in the construction, alteration and repair of public buildings and shall certify on the face of each bill to the correctness of the same, and no bill for such work or materials shall be paid without such certificate. He shall, in making certification for payments due upon contracts under terms thereof, deduct the amount of per diem forfeiture then accruing to the credit of the city for failure to complete the contract within the time prescribed. He shall, in case of failure by any contractor to properly perform any contract for construction, alteration and repair of any public building according to plans and specifications, report the same at once in writing to the officer, board, or committee having the same in charge and to the city solicitor; and in case of a continued refusal by the contractor to properly perform for an unreasonable time, he shall report the same in writing to the city council; but failure to so report shall not excuse any contractor from performance of his contract, nor waive any requirements thereof, nor ratify any acts done or work performed contrary to the terms thereof. The superintendent of buildings is charged with the duty of executing the provisions of this chapter and amendments or additions thereto, and the statutes of the commonwealth relating to buildings including elevators, except as is otherwise provided. The word "superintendent" as used in the following sections of this chapter shall be taken to mean the superintendent of buildings or his duly authorized representatives.

Section 150. The superintendent of buildings shall cause to be kept a correct record of the business of the department, and annually in the month of January, the superintendent shall report to the city council. Said report shall show the condition of public buildings, the nature and the amount expended in construction, alteration and repair thereof since the last report of the superintendent, together with his recommendations for necessary alterations and repairs.

Section 151. The superintendent shall examine or cause to be examined all buildings in the course of erection or alteration. He or his representative may enter any building or upon any premises, and reasonable means of access shall be provided to all parts of buildings so far as may be necessary for the performance of his duties under the terms of this chapter.

Section 152. Suitable metal badges of office shall be provided by the department, each badge to be numbered for all the officials of said department having the right to enter buildings or premises, and to be worn conspicuously by them during their hours of public service. Said badges shall be and remain the property of said department.



Section 153. In case there shall be, in the opinion of the superintendent, danger to life or property by reason of any defective or illegal work, or work in violation of or not in compliance with any of the provisions or requirements of this chapter, during the construction or demolition of any building, the superintendent shall order all further work to be stopped in and about said buildings and to require all persons in or about said building forthwith to vacate the same, and to cause such work to be done in or about the building as in his judgment may be necessary to remove any danger therefrom. And the superintendent shall, when necessary for the public safety, temporarily close the sidewalks and streets adjacent to said building or part thereof.

Section 154. Any member of the committee on building code, and all of the officers of the department, so far as may be necessary for the performance of their respective duties under the terms of this chapter, shall have the right to enter any building or upon any premises, and reasonable means of access shall be provided to all parts of such building so far as may be necessary.

Section 155. All questions as to the intent and meaning of the provisions of the chapter shall be decided by the superintendent, provided that any interested person dissatisfied or aggrieved by his decision may within ten days appeal to the Committee on Building Code.

Section 156. The superintendent of buildings shall upon request of the city council or any committee of said council or board, prepare, or cause to be prepared, plans and specifications for any building to be constructed or altered by the city and shall, upon request, render any necessary service in relation to the buildings of the city, except in relation to plumbing and electric wiring.

Section 157. No oversight or neglect of duty on the part of the superintendent of buildings or of any employee of this department shall legalize the erection, alteration or repair of any structure in violation of this chapter.

### PART III.

#### PERMITS.

Section 158. Before proceeding with the construction, alteration, removal or demolition of any building or structure or commence excavation therefor, the owner, agent or builder shall make application at the office of the superintendent of buildings for a permit for that purpose. The application shall be made in writing and upon printed forms furnished by the department. All buildings which require the approval of the Department of Public Safety, Commonwealth of Massachusetts, the owner or his agent, must first file plans and obtain a certificate of approval from said department and said certificate must be filed with the superintendent of buildings before a permit to build is granted.

All state laws and regulations pertaining to buildings must be complied with.

Section 159. Before a permit is granted for the erection, alteration or the moving of any building or part of any building is commenced the owner or lessee, or agent of either, or the architect, or builder employed by such owner or lessee in connection with the proposed erection or alteration shall, except for "ordinary repairs" as hereinafter defined, submit to the superintendent a detailed description of the purpose and construction of the proposed structure or work on proper blanks to be furnished by the superintendent, and full and complete copies of the plans of such proposed work and such structural detailed drawings and specifications as the superintendent may require. A plot plan shall be required showing the location of the building to be erected thereon, or to be moved thereon, and also to show the location of existing buildings on the adjoining lots. Such plans and detailed drawings shall be furnished in duplicate, and if approved by the superintendent, one set shall be kept at the building during the progress of the work open to the inspection of the superintendent or his representative, the other shall be kept on file in the office of the superintendent, and shall not be for public inspection. In order to determine that the requirements of distances from lot lines are being complied with, the Superintendent of Buildings may require the owner to have the lines in question (except the street lines) surveyed by a competent surveyor and paid for by the owner. The superintendent may require an applicant for a permit to submit with the plans of a building or other structure detailed drawings and calculations of any portions thereof subjected to unusual stresses, or of complicated construction, or for steel frame or reinforced concrete construction, or of any type of construction not particularly described in this chapter. Such plans and calculations shall be made by a competent engineer, shall bear the signature of the architect or engineer who prepared them and shall be approved by the superintendent and paid for by the owner and filed in the office of the superintendent with the plans of the building, and shall not be for public inspection. The erection, construction or alteration of such building, structure, platform, staging or flooring when proceeded with shall be constructed in accordance with such approved plans and detailed descriptions, unless amended plans are filed and permit issued therefor. Nothing in this section shall be construed so as to prevent the superintendent from granting his approval for the erection of any part of a building, or any part of a structure when the general plans and detailed descriptions have been filed for the same before the entire detailed plans have been submitted.

Section 160. It shall be the duty of the superintendent of buildings to approve or reject any plans filed with him pursuant to the provisions of this chapter within a reasonable time, and within ten days in any event, and no work shall be commenced until a permit is issued. (See Section 148.)

Section 161. Any permits which may be issued by the superintendent pursuant to the provisions of this chapter, but under which no work is commenced within four months from the time of issuance, or when the work is discontinued for a period of five months, shall expire by limitation.

Section 162. Any building the erection of which was commenced in accordance with a permit granted by the committee on buildings in the fire district prior to the passage of this chapter may, if properly constructed, be completed in accordance with requirements of law in force at the time when such permit was granted.

Section 163. All the provisions of this chapter shall apply with equal force to both municipal and private buildings.

Section 164. Ordinary repairs of buildings or structures, as defined herein, may be made without notice to the superintendent.

Section 165. When plans and detailed descriptions are filed with the superintendent for the erection of a new building, which necessitates the demolition of any part of an existing building such fact shall be stated in the description filed.

Section 166. Every person, before proceeding to erect any foundation, building or wall, or make any alterations in the external wall of any structure, shall first apply to the city engineer for the line and grade of such public street, way, square, or other lands, and the city engineer without charge, shall furnish the same, together with the location and grade of sewer if in his power to do so.

Section 167. No building already erected or hereafter to be build shall be altered, raised, repaired, removed or built upon, unless such alterations or additions are made in conformity with the provisions of this chapter relating to the construction of new buildings of corresponding type, in that particular district, except as herein allowed.

If in the opinion of the superintendent of buildings any proposed addition or alterations are of such extent as when done will produce a practically new structure, or will impair the stability, or increase the fire risk of a structure as a whole, or of the surrounding property, or endanger the health or safety of the occupants, then a permit shall not be granted unless the whole structure shall be made to conform with the provisions of this code.

Section 168. In the case of a building or structure of a size or for a purpose so unusual in the city of New Bedford as to be apparently beyond the intention of this chapter, the plans and specifications setting forth any proposed variations from the requirements hereof shall be submitted to the superintendent and referred by him with his recommendations thereon to the Committee on Building Code. All other

Buildings of a description not specified in this chapter shall be constructed in a manner which shall be satisfactory to the superintendent.

Section 169. No temporary structures, including contractors' tool sheds, platforms, stands, lunch carts, observation or circus seats for assembly purposes, shall be erected unless a permit therefor has been issued by the superintendent of buildings. Such structure may be maintained only for the period of time stated on the permit, and may be revoked at any time when the Superintendent may deem advisable.

Section 170. The Superintendent of Buildings shall have full power to revoke and cancel any permit, certificate or approval granted, in case the person to whom the same is issued fails to comply with the provisions of this chapter, and shall order the structure removed or altered to comply with the provisions of this chapter.

Section 171. It shall be the duty of the Police Department of the City of New Bedford to notify the building department of any construction work which they may discover that is being done without a permit from the building department posted on the job.

Section 172. No change in the manner of occupancy shall be made in any story of any building or structure, or portion thereof, tending to increase the floor loads until a permit is issued by the superintendent of buildings covering such new use or manner of occupancy; nor shall the manner of occupancy nor the purpose for which any building or structure or portion thereof is used be changed, except in conformity with all the requirements of this code relating to exits and floor loads.

Section 173. No building hereafter erected, enlarged or altered shall be used as an apartment house, lodging house, hotel or tenement house unless it conforms to the requirements of the building code, and all buildings so used shall at all times be subject to all the provisions and requirements of this building code. No such building shall be so used until the issuance of a certificate by the superintendent that said building conforms in all respects to the requirements of the building code. Such certificate shall be issued within five days after written application therefor, if such application shall be entitled thereto. Nothing herein contained shall be held to waive any requirements of the board of health, or any law or ordinance.

Section 174. Any person who violates or fails to comply with all requirements of Section 158 and No. 159 shall be guilty of a misdemeanor and shall be liable to a fine not to exceed \$20.

Any person who violates or fails to comply with all the requirements of Section 172 shall be guilty of a misdemeanor and shall be liable to a fine not to exceed \$20.



## IV

## DEFINITIONS.

Section 175. In this chapter the following definitions shall have the meanings respectively assigned to them. The term "approved" when used shall mean approved by the superintendent of buildings.

**Addition.**

A part added to a building all ready built which would increase the area of the whole, and to be used for the same purpose as the main building.

**Alteration.**

Any change in the arrangement of a building, which does not increase the area, or any work affecting the structural parts of a building, or any change in walls, floors, partitions or means of exit effecting the fire resistance, or the safety of persons in a building, or will change the use or purpose of the building.

**Apartment.**

That part of a building consisting of two or more rooms and designed to be used exclusively for the residence of one family.

**Apartment Hotel.**

Every hotel in which the apartments are rented or designed to be rented in suites for terms of not less than one month, and in which there are no kitchens, dining-rooms or serving rooms within the apartments, but where a general dining-room is provided for the use of the tenants.

**Apartment House.**

Any building of two or more stories containing three or more apartments on any one floor.

**Apron Wall.**

That portion of an enclosing wall between the window lintels of a story and the window sills of a story next above, which is subject to no load other than its own weight.

**Area of a Building.**

The area of the horizontal cross-section at the ground level measured to the outside of exterior walls, or to the center of a party wall.

**Assembly Hall.**

A room in any building other than a dwelling house, used for public or private assembly, having a greater floor area than eight hundred square feet.

**Attic Story .**

Any story situated wholly or partly in the roof.

**Barn.**

A building used or designed to be used for the storage of farm produce, and having no provision for the stabling of horses or cattle.

**Basement.**

A story or portion of a story partly underground but having at least one-half of its clear height above the mean grade of the sidewalks of all abutting streets or the mean grade of the ground adjoining the building.

**Basement Wall or Underpinning.**

That part of a basement wall which is above the surface of the ground.

**Bearing Wall or Bearing Partition.**

One carrying a load other than its own weight.

**Boarding House.**

A building, or portion thereof, containing not more than ten sleeping rooms above the first story, and designed or used for supplying food or shelter to guests.

**Ceiling.**

That covering of a room which covers the joists or the floor construction above.

**Cellar.**

A story or portion of a story having more than one-half of its clear height below the mean grade of the side-walks of all abutting streets or the mean grade of the ground adjoining the building.

**Cement.**

First quality Portland cement, which shall conform to the requirements of the "American Society", for testing materials, as revised from time to time.

**Cement Mortar.**

A composition of one part cement, and not more than three parts of sand by volume. Lime putty or hydrated lime may be added to any amount equal to 15 per cent of the volume of cement.

**Cement—Lime Mortar.**

A composition of one part cement, one part of slaked lime or dry hydrated lime, and not more than six parts of sand, all to be measured by volume.



**Concrete.**

A composition of cement, sand and stone, gravel, or other hard durable material, of such proportions as shall be approved by the superintendent.

**Court.**

An open unoccupied space, other than a yard on the same lot with a dwelling.

An "outer court" is one extending to a street or yard. An "inner court" is one not extending to a street or yard.

**Curb Level.**

The level of the established curb in front of a building measured at the middle of such front, or as established by the city engineer.

**Curtain Wall.**

A curtain wall is any non-bearing wall between columns or piers and which is supported by beams or girders at each story.

**Corbel.**

A projection beyond the face of the wall to form a support. In brickwork the projection shall not exceed one inch for each course.

**Dwellings.**

See Residence, Apartment, Tenement House.

**Dead Load.**

The weight of the floors, walls, partitions, roofs, and all other permanent parts of a structure.

**Dead Wall.**

A wall without openings.

**External Wall.**

Any outer wall or vertical enclosure of a building, other than a party wall.

**Family.**

A group of one or more persons living together whether related or not, and independent of another group or family.

**Fire Door.**

A door to prevent the spread of fire which, together with its location and accessories, is approved by the superintendent, whose decision shall be guided by the rules of the National Board of Fire Underwriters.

**Fire Wall.**

A wall constructed of masonry not less than eight inches in thickness which extends through and at least two feet above the roof and in which all openings are protected by fire doors, provided, however, in case the entire roof construction is of first class construction, the wall will not be required to extend above the roof. Also any division or partition wall dividing spaces into limited areas for the prevention of the spread of fire.

**Fireproof Building, or Fire-resisting Building.**

See requirements under Sections.....

**Fire Window.**

A window frame, sash, and glazing which will successfully resist a fire for one hour. No single pane of glass shall exceed 720 square inches.

**First Story.**

The lowest story wholly above the sidewalk or above the grade at the principal point of entrance to the building.

**Flat Roof.**

One with a pitch of not more than four inches to the foot.

**Flat Slabs.**

Reinforced concrete slabs which are straight from support to support without any arches.

**Footing.**

That part of any masonry foundation resting directly on the ground.

**Foundation Wall.**

That part of a masonry wall which is below the surface of the ground.

**Frame Building.**

See Section 189

**Gambrel Roof and Mansard Roof.**

A roof with two different pitches and both pitches shall constitute a part of the roof.

**Girder.**

A beam used for the support of other beams.

**Height of Buildings.**

The vertical distance from the mean grade of the side-

walks of all abutting streets or the mean grade of the ground adjoining the building, to the highest point of the roof beams, not including in such measurement of height, cornices, which do not extend more than five feet above the highest point of the roof beams, nor enclosures for the machinery of elevators which do not exceed fifteen feet in height, nor inclosures for tanks which do not exceed twenty feet in height above the roof beams and do not exceed in united area ten per cent of the area of the roof.

**Hotel.**

Any building, or portion thereof, containing ten or more sleeping rooms above the first story, and designed or used for supplying food or shelter to guests, and having a public dining-room and a general kitchen.

**Incombustible Material.**

A material or construction which will not ignite an burn when subjected to fire.

**Length of Column.**

Its maximum unsupported length.

**Lime.**

Lime shall be fresh and properly burned, and shall contain not more than 5 per cent, of ashes, core, clinker or other foreign material.

**Lime Mortar.**

A composition of one part of lime putty, or dry hydrated lime, and not over four parts of sand, measured by volume.

**Live Load.**

All loads other than dead loads. All partitions which are subject to removal or rearrangement shall be considered as live load .

**Lunch Cart.**

A portable building used for the preparation or serving of food shall be classed as a building and shall be constructed in conformity with the provisions of this chapter relating to the construction of new buildings of corresponding type, in that particular district.

**Masonry.**

That part of a structure constructed of stone, brick, tile, cement blocks, or other incombustible material and laid with mortar.

**Mezzanine Floor.**

A partial intermediate floor introduced in the height of

a story, and shall be considered as a story if the area of same is more than one-fourth of the area of the main floor.

**Mill Construction.**

See requirements under Sections.....

**Non-bearing Wall.**

One which supports no load other than its own weight.

**Office Building.**

A building in which rooms above the first floor are used for professional or clerical purposes but not for manufacturing, storage or sale of goods except sample. No part of such building shall be used for living purposes except by the janitor's family.

**Ordinary Repairs.**

Repairs to a building which would not increase the area, nor include the removal of any masonry wall, or any portion thereof, the removal or cutting of any beam or support, or the removal or change of any staircase, or the removal of a bearing wall, or the cutting of an opening in an exterior wall or in a fire wall. (See Section 165).

**Parapet Wall.**

That portion of a masonry wall which extends through and above the roof line either on an exterior, party or division wall.

**Party Wall.**

A masonry wall used for joint service between two buildings.

**Pent House or Bulkhead.**

A structure erected on the roof of a building for the purpose of enclosing stairways to the roof, elevator machinery, water tanks, ventilating apparatus or other building equipment machinery. When used only for the above mentioned purposes, such structures need not be considered in determining the height of the building.

**Removal.**

The change of the location of a building or structure without demolishing it.

**Residence. (Private)**

A detached private residence building used or designed to be used only for the accommodation of but one family.

**Residence.. (Double)**

A detached private residence building used or designed to be used only for the accommodation of but two families, and where one family is not over the other.

**Row of Houses.**

Attached private residence building, built in groups of three or more, and where one family is not over another.

**Shaft.**

A shaft is an enclosed space within a building, extending through one or more stories, or to the roof.

A "vent shaft" is a shaft used solely for light and ventilation.

**Shed.**

A roofed structure, open on one or more sides, which does not exceed fifteen feet in height nor more than 500 square feet in area.

**Skylight.**

Any cover or enclosure placed above the roof for the admission of light.

**Span of a Beam.**

The distance from centre to centre of its supports.

**Stable.**

Any building used or designed to be used for the housing of horses or cattle.

**Story of a Building.**

That part of a building between the top of the floor beams and the top of the floor or roof beams next above, the first story being the story the floor of which is first above the basement or cellar, the upper stories being the stories the floors of which are above the first story and numbered in regular succession, counting upwards.

**Tenement House.**

A detached private residence building of not more than three stories used or designed to be used by not more than two families on each floor.

**Thickness of Wall.**

The minimum thickness of the structural part of a wall.

The masonry wall between the top of foundation wall and the underside of the sill, or the first story floor beams.

**PART V.****FIRE LIMITS.**

Section 176. For the purpose of preventing the spread of fire, no frame building, as herein defined, shall be built



within the fire limits as the said limits are defined below, except as otherwise provided in this chapter. The fire limits shall include all the area included within the following boundaries:

Beginning at a point on the westerly side of the Acushnet River in the harbor line as the same now is, or may be established, said point being the intersection of said harbor line and the prolongation of the south line of Cove street; thence westerly in said Cove street to South First street; thence northerly in said South First street to Rivet street; thence westerly in said Rivet street to Purchase Street; thence northly in said Purchase street to Wing street; thence westerly in said Wing street to Sixth Street, thence northerly in said Sixth street to School street; thence westerly in said School street to County street; thence northerly in said County street to Kempton street; thence easterly in said Kempton street to Foster street; thence northerly in said Foster street to Maxfield street; thence easterly in said Maxfield street to Purchase street; thence northerly in said Purchase street to Cedar Grove Street; thence easterly in said Cedar Grove street to Ashley Boulevard; thence northerly in said Ashley Boulevard to Nash Road; thence easterly in said Nash Road to Acushnet avenue; thence northerly in said Acushnet avenue to the intersection of North Front street; thence southerly in said North Front street to Kilburn street; thence easterly in said Kilburn street to the harbor line.

In addition to the above the fire limits shall include all land one hundred feet from the outside line of all streets bounding said fire limits. In addition to the limits above prescribed, said section shall include the following:

(1) Rodney French Boulevard from Cove street to Brock avenue and Brock avenue from the intersection of west line of said Rodney French Boulevard to the intersection of the south line of Mott street therewith, and one hundred feet from each line of Rodney French Boulevard and Brock avenue.

(2) Kempton street from County street to west line of Park street and one hundred feet from each line of said Kempton street.

(3) Coggeshall street from North Front street to the harbor line as the same now is, or may be established, and one hundred feet from each line of said Coggeshall street.

(4) Popes Island and Fish Island.

(5) Acushnet avenue from the intersection of North Front street to Covell street.

#### PART VI.

#### CLASSIFICATION OF BUILDINGS BY OCCUPANCY

Section 177. For the purpose of this Code buildings shall be classified according to their occupancy.



Unless special exception is made, every provision of this Code applying to any building of a class shall apply to all buildings of that class.

When any building is not classified, or where there is any doubt as to its classification, the Superintendent of Buildings shall designate under which class it shall be placed. A public record of all such classifications made by the Superintendent shall be kept on file.

When any building is used for the purpose of two or more classes as herein defined, that portion devoted to the occupancy or use of a particular class shall be constructed in accordance with the requirements of that class, unless such construction shall in the opinion of the Superintendent increase the fire risk or prove impracticable, or where there may be a conflict between the requirements of the different classes, in which case the class requiring the safest form of construction shall govern the entire building.

The following is a list of the classification according to occupancy:

- I. Public Buildings.
  - Class A.
  - " B.
- II. Business Buildings.
  - Class C.
  - " D.
  - " E.
  - " F.
  - " G.
- III. Residence Buildings.
  - Class H.
  - " I.
  - " J.

**Section 178. Class A.**

Asylums, convents over two stories, police stations, hospitals over two stories, libraries, nurseries over two stories, schools over two stories and theatres.

Building of this class shall be of first class construction as required by Section and Section.

**Section 179. Class B.**

Amusement halls, churches, exhibition buildings, lodge rooms, hospitals not over two stories, nurseries not over two stories, schools not over two stories and public halls.

Buildings of this class shall be of second class construction or better.

Buildings of this class which are not over 1,500 square feet in area, with basement and one story not over twenty feet above grade, may be constructed of frame construction, except within the fire limits.

**Section 180. Class B.**

Bakeries over 400 square feet area, dry cleaning establishments, abattoirs, oil refineries, paint and varnish factories, restaurant kitchens, soap factories, stables over 1,000 square feet area, and all office buildings and store buildings over three (3) stories or forty (40) feet in height, unless said office and store buildings are equipped with an approved sprinkler system.

Buildings in this class shall be of first class construction.

Note—See Height of Buildings, Section 258.

**Section 181. Class D.**

Laundries, refrigerating plants, office buildings and stores not over five (5) stories or sixty-five (65) feet. (Except stores included in Class J.)

Buildings in this class shall have the floor over the cellar or basement of first class construction and all stories above said floor shall be of second class, mill construction or better.

Buildings in this class (unless of first class construction) over three (3) stories or forty (40) feet in height shall be equipped with an approved sprinkler system.

Note—See Height of Buildings, Sections 221, 258.

**Section 182. Class E.**

Stores on the first floor with apartments or dwellings in the stories above.

Buildings of this class shall have the cellar or basement ceiling metal lathed and plastered (as defined in Par. A. Section 214) or the floor over the cellar or basement may be first class construction. The cellar or basement and the first story shall be of second class construction or better. Except within the fire limits, a second story only may be constructed of frame construction. No frame construction will be permitted above the second story, either within or without the fire limits.

**Section 183. Class F.**

Stores in basements of dwelling houses.

A store shall not be constructed in the cellar or basement (as herein defined) of an apartment house, nor in the cellar (as herein defined) of any residence or tenement house, over two (2) stories in height.

A store shall not be constructed in the basement of any frame building over two stories high used or designed to be used as a residence or tenement house.

The area of a store in the basement of a residence or tenement house shall not exceed 300 square feet. The walls between the store and basement shall be of masonry at least

eight inches thick with all openings protected by approved fire doors or windows. All requirements for walls and ceilings in Section———shall be complied with.

**Section 184. Class G.**

Factories, Workshops and Warehouses.

Buildings in this class of two stories with or without a basement, not over 30 feet in height and not to exceed 1,000 square feet in area, may be built of frame construction, except within the fire limits.

Buildings in this class over two stories in height shall be constructed of first class construction, mill construction, or reinforced concrete.

Buildings of this class shall not be constructed over six (6) stories or seventy-five (75) feet in height, and all buildings over three (3) stories or forty (40) feet in height shall be equipped with an approved sprinkler system.

**Section 185. Class H.**

Apartment houses, apartment hotels, hotels and club houses.

Except within the fire limits, buildings of this class may be of frame construction, but if so constructed shall not exceed two stories or thirty feet in height.

Buildings of this class over two stories and not over four stories in height shall be of second class construction or better, and when constructed four stories in height shall have the floor over the cellar or basement of first class construction.

Buildings of this class over four stories in height shall be of first class construction.

All buildings in this class over six (6) stories or seventy-five (75) feet, shall have all stories equipped with an approved sprinkler system.

**Section 186. Class I.**

Private residences, double residences, tenement houses, row of houses and all other residence buildings not included in Class H.

All buildings of this class shall not be constructed over four stories, or 55 feet high, and when so constructed shall have the floor over the cellar or basement of first class construction, and the stories above the cellar of second class construction. An approved sprinkler system in the basement may be substituted for first class construction.

Buildings of this class constructed of frame construction shall not be built within the fire limits and shall not be over three stories or over 40 feet in height

**Section 187. Class J.**

Stores one story, not over 15 feet in height and not to exceed 1000 square feet in area, constructed of frame construction.

Buildings in this class shall not be constructed within the fire limits.

**PART VII.****CLASSIFICATION OF BUILDINGS BY CONSTRUCTION.**

**Section 188** For the purpose of this Code, buildings shall be classified according to the following methods of construction:

- I. Frame Construction.
- II. First Class Construction.
- III. Second Class Construction.
- IV. Mill Construction.

**Section 189. Frame Construction.**

A building having the exterior walls or portions thereof constructed of wood. Wood framing covered with metal, plaster, brick, stone, terra cotta or concrete shall be classed as a frame building.

**Section 190. First Class Construction.**

A building constructed of fireproof material throughout with floors, walls, partitions and roof constructed of brick, Stone, concrete, terra cotta or other approved incombustible materials, except that wood may be used for finished floors, interior finish and certain windows and doors.

Reinforced concrete buildings shall be classed as First Class Construction.

**Section 191. Second Class Construction.**

A building, other than Mill Construction, having all the exterior walls constructed of stone, brick, concrete or other approved masonry, and floors, interior construction and roof, wholly or in part of wood or other combustible materials.

**Section 192. Mill Construction.**

A building constructed with all exterior walls of approved masonry and with the floors and roofs constructed of heavy timbers and planking, without hollow or concealed spaces.

**VIII.****FRAME CONSTRUCTION.****Section 193. Within Fire Limits.**

No frame building, structure or portion thereof shall be erected within the fire limits, except temporary one story

buildings for use of builders, and temporary stands or platforms for which a permit shall be granted with the provision that said structures shall be removed within the time stated in the permit.

Existing frame buildings within the fire limits shall not be altered or added to in violation of the requirements of Section 167.

The following additions to existing frame buildings within the fire limits may be made, provided such additions do not violate the requirements of Section 167.

(a) One bay window on each side not over two feet wide, twelve feet long and ten feet high, and with walls and roof covered with incombustible material.

(b) One open piazza or balcony not to exceed ten feet in width, twenty feet in length and not to extend above the second floor.

(c) Not over three dormers, each to be not over twelve (12) feet wide, eight (8) feet high and shall be separated by a space not less than eight feet. All walls and roofs shall be covered with incombustible material.

No frame building more than two stories in height, now used as a dwelling, shall hereafter be raised or altered to be used as a factory, warehouse, stable or store. No frame building shall be moved from one location to another within the fire limits and no frame building shall be removed from without to within the fire limits.

**Section 194 Distance from Lot Lines and from Adjoining Buildings.**

(a) No external wall of any frame building shall be less than four feet from the lot line, nor less than eight feet from any building on any adjoining lot, nor less than fourteen feet from any building on the same lot, unless the walls of such adjoining building are constructed of brick or other fireproof material with all openings in said adjoining wall protected by fireproof windows, shutters or doors, or protected by an approved sprinkler system, and if so provided may be not less than five feet from said adjoining building on an adjoining lot or not less than eight feet from said building on the same lot, and if all openings are not so protected all distances shall be maintained as for a frame building.

(b) No external wall of any frame building designed to be occupied by an independent family above the second floor shall be less than six feet from the lot line, nor less than ten feet from any one story or one and one half story frame building on any adjoining lot, nor less than twelve feet from any two story frame building on any adjoining lot, nor less than fourteen feet from any three story frame building on any adjoining lot, nor less than twenty feet from any frame



building on the same lot, unless the walls of such adjoining building are constructed of brick or other fireproof material with all openings in said adjoining wall protected by fireproof windows, shutters or doors, or protected by an approved sprinkler system, and if so provided may be not less than six feet from said adjoining building on an adjoining lot or not less than ten feet from said building on the same lot, and if all openings are not so protected, all distances shall be maintained as for a frame building.

(c) All frame buildings having an area exceeding 5000 square feet, shall not be placed within thirty-five feet of any side or rear lot line and not less than fifty feet from any frame building on an adjoining lot, unless equipped with an approved system of automatic sprinklers in which case they shall not be placed within twenty feet of any side or rear lot line and not less than thirty feet from any frame building on an adjoining lot.

(d) No frame building shall be so located near an existing garage which is the property of the applicant, whether on the same lot or on an adjoining lot owned by the applicant, to be in violation of any of the regulations governing the location of garages.

(e) Except as provided in Par. (d), when an application is made for a permit to erect a frame building so located near an existing garage as to be in violation of any of the regulations governing the location of garages, it shall be submitted to the Board of Aldermen for their approval, before a permit is granted; provided however, that all other requirements of this section shall be complied with

(f) The distances required in this section shall be measured from the extreme face of the building, except cornices and uncovered steps. Bay windows, covered piazzas or any projection, except cornices and uncovered steps, shall be included as a part of the building.

#### Section 195. Area.

(a) No apartment house or tenement house hereafter erected shall occupy more than ninety per cent of a corner lot nor more than seventy per cent. of any other lot, provided that the space occupied by outside fire escapes projecting not more than four feet, shall not be deemed a part of the lot occupied. For the purpose of this section the measurement shall be taken at the ground level, except that where the first story of any such building is or is intended to be occupied for business purposes only, the measurements as to percentage of lot occupied may be taken at the level of the second story floor beams. No building shall be erected on the same lot with a tenement house so as to increase the covered area of the lot.

(b) The area of all frame buildings in Class J. Shall not exceed 1000 square feet.



(c) The area of all frame buildings in Class B shall not exceed 1500 square feet.

(d) The area of all frame buildings in Classes H and I shall not exceed 2200 square feet unless divided by an unpierced fire wall, in which case the building shall be so provided by said fire walls that no space therein shall exceed 2200 square feet.

(e) For Area of Rooms, see Section 204

**Section 196. Height.**

No frame building shall be erected to a height exceeding forty feet and shall not exceed three stories, except that a spire of a church may be erected of wood to a height not exceeding seventy-five feet, but such spire shall not be placed nearer any other building than the equivalent of its height measured from its masonry support to the pinnacle.

The height of stories of frame buildings shall not exceed:

First story.....	15 feet
Second Story.....	12 feet
Third Story.....	10 feet

The height of all rooms used for dwelling purposes shall be not less than seven feet and eight inches in the clear, except in tenement houses, apartment houses and hotels, the height shall be not less than eight feet and six inches in the clear.

**Section 197. Excavation.**

The excavation for all frame buildings must be made at least six inches beyond the outside face of the wall, and extend to solid ground at least three feet below the finished grade

All excavations for buildings shall be properly guarded and protected so as to prevent the same from becoming dangerous to life or limb. They shall be sheet-piled by the person or persons causing the excavations to be made, when necessary to prevent the adjoining earth from caving in.

**Section 198. Foundation.**

(a) All frame buildings shall have foundations of brick, stone, concrete or concrete blocks, or a combination of the same.

(b) The foundation walls of frame buildings or structures exceeding fifteen feet in height shall rest on footings of stone or concrete not less than eight inches in thickness. All footings shall extend at least four and one-half inches outward from each side of the bottom of the foundation walls which rest upon them

(c) The foundation walls of frame structures exceeding fifteen feet in height if of stone shall be not less than six-

teen inches thick, and may be laid dry if ledge stone or its equal is used, provided all joints are pointed with mortar and a blind drain of gravel is constructed around the foundation walls and connected to a deep seal trap. If boulders or cobble stones are used they must be laid with cement and lime mortar.

(d) The foundation walls of frame structures exceeding fifteen feet in height if built of brick or concrete shall be not less than twelve inches thick and the underpinning may be eight inches thick. Concrete shall be made of one part cement, not more than three parts sand and five parts of clean, crushed stone or gravel.

Concrete foundations or walls less than twelve inches thick shall not have rubble stone imbedded therein.

(e) The foundation walls of frame structures exceeding fifteen feet in height, if built of cement blocks, shall be not less than twelve inches thick, filled solid with concrete and the underpinning may be of eight inch hollow cement blocks.

(f) The foundation walls of one-story structures not over 15 feet high may be of 8 inch brick or 8 inch cement blocks, filled solid with concrete and the underpinning may be of hollow cement blocks or 8-inch brick

(g) The thickness and depth of the foundation walls of a one-story structure not over 15 feet high and not used as a dwelling may be modified at the discretion of the Superintendent.

(h) Porches, piazzas and bay windows shall have suitable foundations of stone, brick, iron, concrete or wooden posts, built on solid bottom not less than three feet below the surface of the ground.

(i) Wooden piles may be used for the foundations under frame structures not over two stories in height built over the water or on meadow or similar land, in which case the piles may project above the water line, and the structure may be placed directly thereon without other foundation.

(j) For sheds and small structures of one story not intended for purposes of habitation, not exceeding five hundred square feet in area and twenty feet in height, and for small piers sustaining light loads, the superintendent may in his discretion, allow a reduction or modification of the dimensions for foundations herein specified. If built of wood, sheet metal or similar light material such structure may be set on wooden posts, placed not more than eight feet on centres.

#### Section 199. Cellar Floors.

The floor of the cellar or lowest story in every dwelling house, apartment house, tenement house, lodging house, workshop, factory, hereafter erected shall be of concrete not less than two inches thick. Where wooden floors are to be laid in

such cellars or lowest stories, the sleepers shall be placed on top of the concrete.

**Section 200. Basement Apartments.**

(a) No cellar or basement of any building shall be occupied for living purposes

(b) No water closet shall be located in the cellar or basement of any tenement house, except as provided in the Plumbing Ordinances.

**Section 201. Columns and Piers.**

(a) Isolated piers, if of brick, shall not exceed in height twelve times, and if of reinforced concrete fifteen times, their least horizontal dimension, which shall be not less than twelve inches as hereinafter provided. Brick piers in cellars or basements not supporting main girders may be twelve by eight inches in cross section.

(b) Concrete for piers shall be made of one part cement and not more than two parts sand and four parts of clean, broken stone, or screened gravel of such size as will pass through a two inch ring.

(c) Stone posts or piers shall not be used in the interior of any building. Wooden post shall not be used in the basement of any building.

(d) Columns of wrought iron or steel steam pipe filled with concrete shall be constructed only of new pipe or tubing, and filled with concrete composed of one part Portland cement, one and one-half parts clean, sharp sand and three parts screened one-half inch crushed trap rock, applied in a manner to eliminate air holes and voids. The metal and concrete in such columns shall not be stressed more than permitted by this chapter and the superintendent may require tests or other satisfactory evidence that columns comply with the provisions of this chapter. Standard tubing shall not be used for columns more than four and one-half inches in diameter; except that tubing may be used for double pipe or reinforced columns. The bottom of any pipe column located in a cellar or basement shall rest on an iron plate extending at least one inch above the concrete floor. Columns carrying less than fifteen tons when without turned or planed bearings shall not be stressed more than seventy-five per cent of their rated capacity. Pine columns without concrete filling shall not be used in a cellar or basement nor for loads exceeding five tons. No second-hand pipe shall be used for columns in any building, whether filled or unfilled without the approval of the Superintendent.

**Section 202. Chimneys.**

(a) The walls of all chimneys shall be built of hard brick, concrete or stone, of such thickness and construction as is hereafter specified. Terra cotta tile or concrete blocks shall not be used in the construction of any chimney.

(b) All smoke flues, except as hereafter provided for those subjected to unusual high temperatures, shall be lined continuously on the inside with fire clay flue linings not less than three-quarter inches thick from the bottom of the flue or from the bottom of the lintel if the flue starts from a fireplace, unless the throat of the fireplace has walls not less than eight inches in thickness, the lining being carried up continuously to the extreme height of the flues. The lining pipe shall have holes cut for all chimney thimbles before being set and shall be built in as the flue or flues are carried up, and made smooth on the inside with ends fitted closely together. No smoke flue shall be less than eight inches by eight inches, and each flue or set of flues not exceeding four in number shall be enclosed on all sides with not less than four inches of solid brickwork properly bonded together, with all joints push-filled, or not less than four inches of solid concrete, mixed one (1) part cement, two (2) parts sand and four (4) parts stone or gravel not over one and one-half (1½) inches in diameter. Exposed joints both inside and outside shall be struck smooth. No plaster lining will be permitted. No withes shall be less than four inches thick.

(c) The flue linings may be omitted, provided the walls of the chimney are eight inches thick with the inside course of fire brick or hard burned clay brick, and all inside joints struck smooth.

(d) All chimneys constructed of stone shall have fire clay flue linings and the walls shall be not less than twelve inches thick.

(e) There shall be an iron frame and cleanout door at the base of each flue, except for fire places.

(f) All chimneys in frame buildings shall be built from the ground, or rest on the basement walls with the foundations properly proportioned to carry the weight imposed. Chimneys shall not rest upon or be carried by wooden floors, beams or brackets, nor be hung from wooden rafters. Iron brackets or stirrups attached to wooden construction shall not be used to support chimneys. Where chimneys pass through wood floors they shall be held central in opening by one header projecting out at each corner against opening.

(g) No chimney in a frame building shall be built out of perpendicular more than one-third of its area and no corbel shall be built out from any four-inch wall of a chimney for any beam or girder to rest upon.

(h) All chimneys shall extend at least three feet above the highest point at which the chimney cuts the roof and at least six inches above any roof surface within ten feet in a horizontal line and at least three feet above the top of any window in an adjoining building. At least six of the top courses shall be laid in cement mortar unless the top is protected by a proper coping.

(i) All fireplaces, chimneys and flues built, altered, or repaired, without reference to the purpose for which they may



be used, shall have the inside joints struck smooth, except when required to be lined with fire clay flue linings. The firebacks of all fireplaces shall be of solid brickwork not less than eight inches in thickness nor less than twelve inches in thickness if of stone, and when a grate is set in a fireplace, the fireback shall be at least two inches thicker than above required or a lining of brickwork, at least two inches in thickness, shall be added to the fireback. Hearths of all fireplaces and chimney breast where mantels are placed shall be supported by trimmer arches of brick, stone, burnt clay or concrete at least eighteen inches in width, measured from the face of the finished chimney breast and not less than sixteen inches longer than the width of the fireplace. Wooden centers under trimmer arches shall be removed before plastering the ceiling underneath. Hearths may be supported on steel cantilever beams built not less than sixteen inches into the chimney. No fire-board or summer piece shall be used unless it is of incombustible material and placed against the masonry of the fire place.

(j) Flue linings of burnt clay for the use of gas stoves or gas grates shall be not less than four inches inside diameter, and not more than four such gas flues shall be joined together, or connected with a flue less than eight inches in diameter.

(k) Smokepipe intakes to flues shall always enter the chimney through the side and shall consist of fire clay or metal thimbles, built into the chimney at least four inches and set with mortar. No woodwork shall be placed within six inches of the thimble and said space shall be left open or protected by a metal shield or metal lath and cement plaster. No opening shall be less than 18 inches below the bottom of open joists, or less than 15 inches below wood lath and plaster, or less than 12 inches below metal lath and plaster. Every unused thimble shall be protected with a metal cover.

(l) No horizontal flue shall be constructed without special permission of the Superintendent of Buildings and no horizontal flue shall be constructed under a stairway.

(m) A metal smoke flue may be placed on the outside of a building, except on a building used in any part as a dwelling, and shall be made of sheet metal not less than No. 11 U. S. standard gauge in thickness, properly riveted together at all joints and carried up to a height not less than ten feet above the roof, and provided with a spark arrester if so ordered by the Superintendent of Buildings. The flue shall be properly braced with iron bands securely fastened to the wall and shall be at least eighteen inches from a frame wall. All such metal flues shall rest on cast-iron plates supported on a suitable foundation of masonry and there shall be a cleanout door at the bottom.

No metal smoke flue shall pass through the roof of any building unless a special permit be first obtained from the Superintendent of Buildings. Such pipe shall be protected by

a galvanized iron ventilating thimble, not less than twice the diameter of the smoke flue.

(n) After a chimney has been completed, all flues shall be thoroughly cleaned and left smooth on the inside.

(o) Chimneys which are dangerous in any manner whatever, shall be repaired and made safe or taken down.

(p) Any chimney or flue which is built in violation of any requirement of this section shall be immediately demolished or rebuilt.

#### Section 203. Floor Loads.

The floors in all buildings in Classes H, I and J be capable of safely sustaining per square foot the minimum live loads in addition to the weight of the floor itself as follows:

1	First Floor	Upper Floors	Stairs and Corridors	Girders	Columns
Classification	2	3	4	5	6
1 Dwellings and apartment houses	40	40	40	40	40
4 Stores light merchandise	125	..	..	125	125
5 Stores, heavy merchandise	150	..	..	150	150

See Section 228 for full list of floor loads.

#### Section 204 Area of Rooms.

In every residence tenement or separate apartment there shall be at least one room containing not less than 120 square feet of floor area and no room used for living or sleeping purposes except open sleeping porches, bath rooms, pantries and closets shall contain less than 70 square feet of floor area, nor shall be less than seven feet in its least horizontal dimension.

#### Section 205. Area of Shafts.

Any shaft constructed in any building used for dwelling purposes, to provide light and ventilation shall be not less than 25 square feet in area, nor less than four feet wide in any part, and such shaft shall not be roofed over or covered with a skylight, and shall have an approved opening at the lowest floor.

#### Section 206. Quality of Timber.

All timber used for structural purposes shall be sound, well milled, close grained free from wind shakes, loose decayed or pitch knots or knots or other defects that will materially impair its strength and durability. In calculating the stresses



in planed timber, the finished dimension shall be used. No second hand timber shall be stressed more than eighty per cent of the unit stresses specified in this chapter.

#### Section 207. Floor Construction.

(a) No wooden floor beam shall be less than 1½ inches in thickness. Every wooden header shall be at least four inches in thickness and if more than four feet long shall be hung to the trimmer beams in stirrup-irons of proper size and strength. When it is not practicable to frame or secure the ends of tail beams, the ends of the tail beams shall be hung to the header beams by stirrup-irons of proper size and strength.

(b) Table of minimum size of floor joists for spruce or fir.

Span in Ft.	6	8	10	12	14	16	18
Size for dwell.							
12 in. on cen.	2x6	2x6	2x6	2x7	2x8	2x9	2x10
Size for dwell.							
16 in. on cen.	2x6	2x6	2x7	2x8	2x9	2x10	2x12
Size for attics.							
16 in. on cen.	2x6	2x6	2x6	2x7	2x8	2x9	2x10

Standard or nominal sizes.

(c) No cutting of timbers for any purpose shall be done so as to reduce the strength of the supporting parts below that required by the provisions of this chapter. No floor timber, header or trimmer beam of any building shall be cut into more than two inches in depth for piping without a permit from the superintendent, and no cutting shall be made in any timber at a greater distance than two feet from its support. Holes for electric wires through wooden beams, girders or floor beams shall not be located more than one inch from the neutral axis thereof.

(d) All wooden beams of floors shall be properly bridged with cross bridging, and the distance between bridging or bridging and walls shall not exceed eight feet.

(e) No part of any floors shall be within two inches of any chimney. The header beam, carrying the tail beams of a floor and supporting the trimmer arch in front of a fireplace shall be not less than eighteen inches from the finished chimney breast.

(f) All floor timbers shall have a full bearing at each end and shall not be spliced or pieced between the bearings.

(g) Floor joists which support a partition running in the same direction shall be doubled and well spiked together, or of double thickness.

#### Section 208. Sills and Girders.

All sills and girders shall be of solid timber and properly framed and anchored. Sills shall be not less than thirty-two square inches and girders shall be not less than forty-eight square inches in sectional area.

**Section 209. Area of Windows.**

(a) All rooms used for living or sleeping purposes shall have at least one window at least twelve square feet in area, opening directly to the outer air and so located to properly light the room. Both halves of said windows shall be arranged to open the full width.

(b) All bath rooms or water closets shall have a window not less than three square feet in area opening directly to the outer air, or otherwise located as provided in the Plumbing Ordinances.

(c) In every tenement house hereafter erected the public hallways and stairs shall be lighted by at least one window or glazed door, in each story, having an area of not less than twelve square feet, opening directly on a street, alley, yard or court and so arranged to properly light and ventilate the stairway.

**Section 210. Walls.**

(a) Wooden studdings for external walls shall be not less than two by four inches spaced not over sixteen inches on centres. All external walls of frame buildings, including all buildings covered with plaster or brick veneer, shall be tightly boarded with lumber normally  $\frac{3}{4}$  inches thick and well nailed to all studs.

(b) All frame buildings shall have corner posts which shall be of a continuous piece extending from the sill to the highest plate, except for 3 story buildings which may be spliced, and shall be not less than four by six inches. Girts shall be not less than four by six inches. Ledger boards shall be not less than one by six inches, notched their full thickness into the studding, and may be used only in dwelling houses where the floor joist they support do not exceed a span of fifteen feet. Plates shall be not less than four by four inches.

(c) The boarding on frame buildings covered with plaster may be omitted provided the studs are placed not over twelve inches on centres with at least one row of bridging in each story, covered with galvanized or painted metal lathing not less than 24 gauge, plastered with cement mortar or equal at least one inch thick and back plastered.

(d) All frame buildings covered with brick veneer shall be boarded with lumber normally  $\frac{3}{4}$  inches thick, well nailed to all studs. The boarding shall be covered with a good quality water-proof paper. The brick veneer shall be securely anchored to the boarding with approved non-corrosive ties at least every sixth course and spaced not over sixteen inches on centres. An air space of at least  $\frac{1}{2}$  inch shall be provided between the brick and the boardings.

(e) All openings over five feet wide in the external walls of frame buildings shall be provided with an header at least four by six inches and shall be trussed if so directed by the Superintendent of Buildings.

(f) The external walls of all stories over ten feet high shall have at least one row of block bridging of the same size as the studs.

**Section 211. Partitions.**

(a) All wood bearing partitions shall be constructed of studs not less than two by four inches and spaced not over sixteen inches on centres. All non-bearing partitions shall be constructed of studs not less than two by three inches and spaced not over twenty inches on centres.

(b) All studs in bearing partitions shall run down between the floor joists and rest on a masonry wall, girder or on the partition cap of the partition below.

(c) All wooden bearing partitions over ten feet in height and all partitions supporting floors with a span exceeding fifteen feet on either side, shall have at least one row of block bridging or horizontal bracing for each story of the same size as the studs.

(d) All openings in bearing partitions shall have double studs and shall be properly trussed above.

(e) Soles and plates, of dimensions not less than the studs, shall be used in all partitions not resting upon girder beams, or where the studding does not pass down to the plate of the partitions below.

(f) No studding or furring shall be within one inch of any chimney, nor within two inches of the back wall of any fireplace.

(g) All studs shall have a full bearing at each end and shall not be spliced or pieced between the bearings.

**Section 212. Stairs, Stair Hall and Exits.**

(a) Every dwelling house shall be provided with an entrance to the basement thereof from the outside of such building. Every cellar or basement used for business purposes or in which boilers are located, shall have an outside exit.

(b) No exit door shall be so located that when opened it will obstruct the sidewalk or public way, or extend beyond the lot line. In all buildings in Classes H and I the front exit doors shall be not less than two feet and ten inches wide and all rear exit doors shall be not less than two feet eight inches wide.

(c) All buildings hereafter erected, or altered, containing two or more tenements shall have not less than two stairways to reach every floor containing a living or sleeping room; the stairways to be placed as far apart as practical, or as may be directed by the superintendent, and at least one flight of stairs shall be continuous.

(d) Exterior wooden stairways for all tenement houses not exceeding three stories in height may consist of wooden stairs properly protected with railings. Such stairs shall extend from the top floor to an outer court or yard. Such stairs shall be separated from any stairway which may lead to the basement unless separated from such basement by a fire wall at least eight inches thick and all doors in said wall shall be fire doors. Wood posts supporting a wooden stairway or verandas in connection with the same shall not be less than five and one-half ( $5\frac{1}{2}$ ) inches square.

(e) All stairs shall have level treads with projecting nosing and shall measure not less than eight and one-half inches from face to face of risers. The riser shall be not more than eight inches measured from top to top of treads. The stringers shall not be less than  $1\frac{3}{8}$  inches thick.

(f) At least one flight of stairs shall be constructed without winders and if constructed with winders there shall be not more than three treads in a quarter circle.

(g) The width of all stairs in frame buildings shall be not less than three feet in the clear between hand rails, and all stair halls shall be not less than three feet six inches wide. In all double residences, tenement houses or apartment houses, all stair halls which are used by two or more apartments on the same floor shall be not less than four feet wide and all stairways not less than three feet six inches wide.

(h) All stairways shall have a direct entrance at the ground floor to a street, passageway or court which connects directly with a street.

(i) All stairways in tenement and apartment houses shall be provided with proper balustrades and hand railing.

(j) All exit doors leading from the lower front and rear stair halls to the street or passage of all buildings in Classes H and I, except private residences, double residences and rows of houses, if provided with locks, shall be of an approved type which cannot be locked from the inside.

(k) The owner of every building used in any part for dwelling purposes and containing more than three apartments shall keep a proper light burning at the entrance and in each story of every stair hall every night from sunset to sunrise throughout the year. This paragraph shall apply to existing dwellings as well as those hereafter erected.

(l) Every flat roofed building more than two stories in height, shall have permanent means of access to the roof through an opening not less than two feet by three feet with a fixed ladder or other means of access from the inside and such opening shall not be locked.

(m) All stairways and exits which are required to be approved by the Massachusetts Department of Public Safety shall be constructed to comply with all the laws of said Department.



**Section 213. Fire Stops.**

(a) Spaces between studding of all exterior walls in frame buildings shall be filled solid with brick laid in mortar or other incombustible material, as shown on Figure 1 for a space from the sill to five inches above the top of the floor beams.

(b) Except in the upper story of a frame building, the spaces between the floor joists that rest on a girder, partition cap, girt or ledger board shall be filled solid the full width of the studs with concrete placed between boards not less than  $\frac{3}{4}$  inches thick and shall extend at least five inches above the top of the floor joist if the stud partition continues above the floor. The boards to hold the concrete shall be cut in tight, completely enclosing the space, and shall be installed before the electric wiring and piping is installed. See Figures 2, 3, 4 and 5.

(c) The second and attic floors of all one-family dwelling houses and the attic floors of all tenement houses may be fire-stopped with the concrete, or may be fire-stopped with wood bridging at least two inches thick, provided they are cut in tight, completely enclosing the space and are installed before the electric wiring and piping is installed. The fire stopping over bearing partition in the attic may be omitted provided no floor is laid.

(d) All combustible cornices within ten feet of other non-fireproof buildings shall be fully fire-stopped with concrete or other incombustible material placed over the plate to prevent fire breaking through into the attic space or between the rafters.

(e) All spaces between chimneys and the floor joists shall be fire-stopped by nailing sheet metal to the bottom of the floor joist entirely closing the space. The space shall then be filled with approximately two inches of mortar, the remaining space shall be filled to the top of the floor joists with mineral wool, loose cinders or other porous incombustible material, care being taken to remove all wood chips and shavings.

(f) The spaces between wooden stringers of staircases and beams of landings unless unceiled, shall be fire-stopped with 2 inch wood to effectively prevent the passage of smoke at intervals of not more than four feet in run.

(g) The spaces between the studs on both sides of all stairs shall be fire-stopped with wood of the same size as the studs cut in on a line with the bottom edge of the stringers.

In all dwelling houses with a separate apartment above the second story, in addition to the wood fire-stopping on each side of the stairs, the spaces above the fire-stopping shall be filled with concrete at least ten inches high.

(h) All pipe spaces or any form of air passages from one story to another shall be fire-stopped at each floor as specified

above to completely close off the space from the ceiling line to the floor line.

All pockets in partitions for sliding doors or other purposes shall be completely fire-stopped on all sides.

(i) No lathing shall be commenced and no fire-stops shall be covered or in any manner concealed from view until approved by the Superintendent of Buildings.

(j) Any person who violates or fails to comply with all the requirements of this section shall be guilty of a misdemeanor and shall be liable to a fine not to exceed \$20.

#### Section 214. Fire Prevention.

(a) Wherever metal lath and plaster is required within this Code, it shall be interpreted to mean metal lathing to weigh not less than 2½ pounds per square yard, or an approved No. 20 wire cloth plastered with mortar at least three-quarters of an inch thick. The plaster shall be an approved mixture of lime, cement and sand or gypsum and sand.

(b) The portion of the basement ceiling over all furnaces and heaters shall be metal lathed and plastered to cover a space not less than 100 square feet, the center of which shall be over the fire door.

The spaces between the floor joists at the outer edge of the plastered portion shall be properly fire-stopped with wood of the same size as the joists or metal lathed and plastered.

(c) In all buildings in Class I unless of first class construction, in which there is a separate apartment or apartments, above the second floor, the portion of the cellar or basement ceiling beneath the stair hall and stairs, provided the stairs do not continue to the basement, shall be metal lathed and plastered and shall extend at least two feet beyond the line of the stair and stairhall partitions. The spaces between the floor joists at the outer edge of the plastered portion shall be properly fire-stopped with wood of the same size as the joists or metal lathed and plastered.

(d) In all buildings in Classes E, F and H, unless of first class construction, the entire cellar or basement ceiling shall be metal lathed and plastered.

(e) No combustible partition shall be within four feet of the sides and back and six feet of the front of any furnace or heater, unless such partition is entirely covered with incombustible material.

(f) In all buildings in Class I in which there is a separate apartment above the second story and also in all buildings in Class H, the stairs from the cellar or basement to the floor next above shall be enclosed with walls constructed either of eight inch brick, six inch two cell terra cotta, five inch reinforced concrete or eight inch cement blocks and shall be provided with self closing fire doors at the bottom. In all



buildings as specified above in this paragraph, the soffits of all stairs, the underside of all landings and the stair side of all partitions, except external walls, in all stairways and stairhalls shall be metal lathed and plastered. A wood wainscoting may be used in such stairways and stairhalls, provided it is not over four feet high and metal lathed and plastered behind down to the floor line or to the stair stringers.

(g) In all apartment houses the stairways which are used in common by four or more apartments on any one floor shall be enclosed with fireproof walls with self-closing fire doors at every exit. The walls shall be built of incombustible material, or four inch wood studs filled solid between with incombustible material and metal lathed and plastered both sides.

(h) In all apartment houses and row of houses there shall be a fire wall at least eight inches thick of brick or reinforced concrete, to extend from the basement floor to at least two feet above the roof, and so located to divide the building into areas not to exceed 2200 square feet between the fire walls. All openings in any such fire walls shall not exceed 50 square feet in area and shall be protected by an approved fire door. For walls used as bearing walls see Section 231, Paragraph (e).

All partitions between separate apartments shall be constructed of brick, terra cotta, gypsum or four inch studs not over twelve inches on centres and covered with three pounds per square foot of metal lath and plastered both sides.

(i) All interior walls and ceilings in all closets under stairs shall be metal lathed and plastered.

(j) No wood mantel or other woodwork shall be placed within  $7\frac{1}{2}$  inches of the sides nor within  $11\frac{1}{2}$  inches of the top of any fireplace, range or grate opening.

(k) Every cold air box or duct connected with a hot air furnace shall be made of incombustible material for a distance of at least ten feet from the furnace.

(l) Every ash chute shall be constructed of incombustible material.

(m) Coal bins shall not be constructed under stairs.

(n) Woodwork within two inches of a hot air pipe shall be protected by placing such pipe inside another pipe one inch larger in diameter; or sides of studs and floor timbers shall be lined with tin set off one-half inch in studs forming pipe channels covered with tin to form a continuous box; or the pipes shall be covered with corrugated asbestos paper; or plain asbestos paper one sixteenth of an inch in thickness and weighing approximately thirty pounds per one hundred square feet, with joints lapped and securely wired to the pipe. Exposed hot air pipes in closets shall be covered with asbestos as above provided. Horizontal hot air pipes shall be placed not less than six inches below wooden floor beams or ceilings unless the floor beams or ceilings are protected with an incombustible shield or the pipe is covered with asbestos paper as

above provided in which case the distance may be reduced to three inches.

(o) Steam or hot water heating pipes not insulated shall not be placed within one inch of any timber or woodwork, unless the timber or woodwork is protected by an incombustible shield when the distance may be not less than one-half inch. All steam or hot water heating pipes passing through floors and ceilings or lath and plaster partitions shall be protected by a metal tube passing entirely through floor and ceilings or partitions one inch larger in diameter than the pipe having a metal cap at the floor. All wooden boxes or casings enclosing steam or hot water heating pipes and all wooden covers to recesses in walls in which steam or hot water heating pipes are placed, shall be lined with incombustible material. All pipes or ducts used to convey air warmed by steam or hot water, shall be of metal or incombustible materials only. All steam and hot water pipe coverings shall consist of incombustible material only.

(p) All interior shafts in frame buildings, except single residences, including dumbwaiter shafts, shall be enclosed with fireproof walls constructed as provided in Par. "g" of this section, and all openings shall be protected with approved fire doors or fire windows. Two inch solid metal lath and plaster walls properly reinforced shall be deemed satisfactory for this purpose.

(q) All clothes chutes and all vent flues or ducts for the removal of foul air in which the temperature of the air cannot exceed that of the room, may be constructed of sheet metal or other incombustible material.

(r) Except within the fire limits, bulkheads which are built over permanent stairs to the roof, may be built of wood stud, metal lathed and plastered on the inside and covered with metal or other approved incombustible material on the outside. The door to the roof shall be covered with metal both sides and all windows shall have metal frames and glazed with wire glass, subject to State Regulations.

#### **Section 215. Roof Construction and Covering.**

(a) The flat roofs of all buildings as herein defined shall be constructed to safely sustain, in addition to the weight of the materials of which they are composed, a load of forty pounds per square foot. For roofs having a pitch of more than twenty degrees this load may be reduced one pound for each degree increase in slope up to forty-five degrees, above which no live load, other than wind pressure, need be considered.

(b) Every building erected within eight feet of the line of any street or traveled way and having a pitched roof sloping toward the same, shall be provided with suitable snow barriers or guards upon such roof to prevent the snow sliding therefrom.

(c) Every building, including existing buildings, within eight feet of the street line or within eight feet of the lot line

shall have approved watertight gutters and conductors, and provisions shall be made to carry the roof-water from such building to the street gutter or sewer, in such manner as not to flow upon the sidewalk, or to flow upon any adjoining property.

(d) The roofs of all buildings, including the roofs of all bay windows and piazzas, and the roofs and sides of all dormer windows shall be covered with an approved roofing of tile, natural slate, asbestos, shingles, tin, copper, iron, built-up roofing felt of at least three ply with gravel or slag surface, built-up asbestos roofing, fire-resisting roofing of a grade which would rank not lower than Class C under the test specifications of the Underwriters' Laboratories at the time the permit is issued, or such others incombustible roofing as the Superintendent may authorize.

(e) Existing roofs, covered with wood shingles or other combustible material, may be repaired with the same grade of material, provided the building has not been moved or altered in any manner, and provided the aggregate of such repairing does not constitute more than twenty-five percent of the whole roof. On or before the first day of January 1930, all roofs, including the roofs of bay windows and piazzas, and the roofs and sides of all dormers shall be covered with incombustible roofing as herein provided.

#### Section 216. Skylights.

(a) Except within the fire limits and unless otherwise prohibited, all skylights not over nine square feet in area may be built of wood and glazed with plain glass. All other skylights shall be built of incombustible material and glazed with wire glass or if glazed with plain glass shall have wire netting not less than No. 12 galvanized wire not more than  $1\frac{1}{2}$  inch mesh under.

(b) No wire glass shall be placed in a sky-light at the top of enclosures for elevators, stairways, vent and light shafts. Such skylights shall be glazed with thin glass and shall be protected as provided in Par. (c).

(c) Where skylights are so placed as to be in danger of damage from a higher adjoining structure they shall be protected by wire netting substantially fastened six inches above the glass. The wire netting shall not be less than No. 12 galvanized wire, not more than  $1\frac{1}{2}$  inch mesh and fastened to an iron frame.

(d) Should the owner of adjoining buildings refuse to grant permission to have his roof and skylight properly protected, such refusal shall be reported in writing to the Superintendent of Buildings by the person erecting the wall or building, and the owner refusing such permission shall make his skylight and roof safe at his own expense.

#### Section 217. Projections Over Public Ways.

No part of any structure except fire escapes, cornices, string courses, window caps and sills, shall project over the line

of any street or public place. No cornice shall project more than three feet. No such projection shall be less than ten feet above the grade of the sidewalk.

(See City Ordinances for signs, marquise and permanent awnings).

## PART IX

### SECOND CLASS CONSTRUCTION.

For Definition See Section 191.

#### Section 218. **Distances from Lot Lines and Adjoining Buildings.**

(a) An external wall of a building constructed of second class construction, as defined herein, may be built on the lot line.

(b) An external wall of a building constructed of second class construction, as defined herein, in which there are openings and which is designed to be occupied in any part as a dwelling, shall be four (4) feet from the lot line for all buildings three (3) stories or less in height, and this distance shall be increased one (1) foot for every additional story above the third story and further provided, that if such building used for dwelling purposes has a depth along the lot line of more than fifty (50) feet then such distance shall further be increased at the ratio of one (1) foot for every additional ten (10) feet or fraction thereof, and further provided, that the total distance shall not be required to be over ten (10) feet.

(c) An external wall of a building constructed of second class construction, may adjoin any other building on the same lot, except a building used for dwelling purposes, provided there are no openings in said wall; if said wall has openings a distance of at least eight (8) feet shall separate it from an existing second class building, and a distance of at least fourteen (14) feet shall separate it from an existing frame constructed building. Provided the existing building on the same lot is used in any part for dwelling purposes and is of second class construction, the distance as provided in paragraph (b) plus six (6) feet shall be maintained, and if the existing building is of frame construction the distance as provided in paragraph (b) plus twelve (12) feet shall be maintained.

(d) No second class building shall be so located near an existing garage which is the property of the applicant, whether on the same lot or on an adjoining lot owned by the applicant, to be in violation of any of the regulations governing the location of garages.

(e) Except as provided in Par. (d). when an application is made for a permit to erect a second class building so located near an existing garage as to be in violation of any of the regulations governing the location of garages, it shall be sub-



mitted to the Board of Aldermen for their approval, before a permit is granted; provided, however, that all other requirements of this section shall be complied with.

(f) The distances required in this section shall be measured from the extreme face of the building, except cornices and uncovered steps. Bay windows, covered piazzas or any projection, except cornices, shall be included as a part of the building.

#### Section 219. Area of Lot Occupied.

The requirements of Par. A, section 195, shall apply with equal force to second class construction.

#### Section 220. Allowable Floor Area.

(a) Second class buildings hereafter erected shall not exceed the number of superficial feet on the ground, or shall be divided by fire walls not to exceed the area as provided in the following table:

Fronting on.	Without Sprinklers	With Sprinklers
One street .....	5,000 sq. ft.	8,333 sq. ft.
Two streets .....	6,000 sq. ft.	10,000 sq. ft.
Three or more streets .....	7,500 sq. ft.	12,500 sq. ft.

(b) The area of second class buildings in Classes E, H and I shall not exceed 3000 square feet unless divided by a fire wall, in which case the building shall be so divided by said fire walls that no space therein shall exceed 3000 square feet.

#### Section 221. Height.

(a) No second class building shall be erected to a height exceeding four (4) stories or fifty-five (55) feet unless equipped with an approved sprinkler system and if so equipped shall not exceed five (5) stories or sixty-five (65) feet, nor shall exceed in height two and one-half times the width of the widest adjoining street, except that church spires and towers, water tanks, pent houses or smokestacks shall not be limited by these requirements.

(b) The height of stories of buildings constructed of second class construction shall not exceed:

First story .....	17 feet
Second story .....	15 feet
Third story .....	13 feet
Fourth and upper stories .....	12 feet

Provided, any story exceeds the foregoing heights, the walls of any such story shall be increased four inches in thickness.

For the purpose of this section a half story shall not be considered but any balcony or mezzanine floor which covers more than 25% of the area of the main floor shall be consid-

ered as forming a story in fixing the thickness of the walls which support it.

**Section 222. Excavation.**

(a) All excavations for buildings shall be properly guarded and protected so as to prevent the same from becoming dangerous to life or limb. They shall be sheet piled by the person or persons causing the excavations to be made, when necessary to prevent the adjoining earth from caving in.

(b) Whenever an excavation is to be made, and there is any wall or structure wholly or partly on the adjoining land or near the intended excavation, then the party causing such excavation to be made shall notify the owner of said adjoining premises of such intended excavation and also of its proposed depth.

(c) When the owner of the adjoining premises is notified that such excavations are about to be made, he shall have the right to enter upon the property of the party causing such excavation to be made for the purpose of securing his building, and within three (3) days after receiving such notice, he shall proceed to make such building secure at his own expense.

The walls of such adjoining building shall be extended by the owner of said adjoining building to a depth of ten (10) feet below the grade of the walk in front of such building, but in all cases where the walls have been extended to this depth, the owner or party making excavations to a greater depth shall at his own expense underpin, sustain make safe and protect the adjoining walls and building.

(d) Excavations for foundation walls must be made at least six (6) inches beyond the outside face of the wall.

(e) All state laws and regulations pertaining to blasting shall be complied with.

**Section 223. Bearing Capacity of Soil.**

Where no test of the sustaining power of the soil at the bottom of the footings is made, different soils excluding mud, shall be deemed to safely sustain the following loads to the square foot, namely:—soft clay or solid loam, one ton per square foot; ordinary clay and sand together, in layers, wet and springy, two tons per square foot; clay or fine sand, firm and dry, three tons per square foot; very firm coarse sand, stiff gravel or hard clay, four tons per square foot. Where a test is made of the sustaining power of the soil the superintendent shall be notified so that he may be present, either in person or by representative. The record of the test shall be filed in the public buildings department. When a doubt arises as to the safe sustaining power of the earth upon which a building is to be erected the public buildings department may order borings to be made, or the sustaining power of the soil to be tested, by and at the expense of the owner of the proposed building.



## Section 224. Foundations.

(a) All buildings and new walls in alterations, except those erected on solid rock or upon wharves and piers on the water front shall have foundations of brick, stone, iron, steel or concrete, or a combination of the same, the bearing on which shall be on the solid ground, or level surface of rock, or on piles or mudsills when solid ground or rock is not found, and shall be not less than four feet below any adjoining surface exposed to the frost, unless solid rock is sooner encountered, and such foundations shall be of sufficient thickness, strength and breadth to safely bear the weight imposed thereon and with the super-structure shall not over-load the material on which it rests. Stone footings shall consist of large slabs not less than six inches thick. Footings of concrete shall be in courses not less than twelve inches thick, and the offsets shall not exceed three-quarters of the thickness of each course.

(b) The following table contains the maximum allowable compressive stresses in pounds per square inch:

Granite with dressed beds, laid in cement mortar .....	1,000
Brickwork laid in cement mortar .....	250
Concrete composed of one cement, two sand, four stone..	500
Concrete composed of one cement, 2½ sand, five stone..	400
Concrete composed of one cement, five unscreened gravel	350
Ordinary rubble stone, laid in cement mortar.....	140
Concrete blocks, gross bearing area.....	100

(c) Metal in foundations and all structural metal work underground, or in places exposed to wet or dampness shall be protected from corrosion by at least two (2) inches of concrete or other approved material.

(d) For thickness of walls see Section 235. For quantities of materials see Section 246.

## Section 225. Piles

(a) Wooden piles shall be of approved timber. They shall be sound and straight. The diameter at the butt shall be not less than ten (10) inches, and the diameter at the point shall not be less than five (5) inches. Any pile over twenty (20) feet in length shall not be less than twelve (12) inches at the butt.

(b) Piles shall be driven to refusal if possible, and the method of driving shall be such as not to impair their strength.

When a pile is not driven to refusal, its safe sustaining power in tons shall be determined by the following formula:—twice the weight of the hammer in tons multiplied by the height of the fall in feet divided by least penetration of pile under the last blow in inches plus one for drop hammer or plus one-tenth for steam hammer. The superintendent shall

be notified of the time when piles are to be driven that he may be present, either in person or by representative.

In no case shall a wooden pile be loaded with a load exceeding fifteen (15) tons.

(c) The tops of all wooden piles shall be cut off below the lowest water line. Concrete shall be rammed down into spaces between the piles, at least ten (10) inches, and for at least twelve (12) inches outside of every pile, thoroughly sealing the heads of the piles.

(d) Piles may be made of concrete, either reinforced or plain. Plain concrete piles must be moulded in place by methods which will secure perfect, full sized piles. reinforced concrete piles, if properly designed to resist the shock of driving, and if driven with a cushion to lessen the shock, or put down by a water jet, may be moulded, allowed to harden and then driven or jetted into place. In no case, however, shall the load on a concrete pile exceed forty thousand pounds per square foot of cross-section of concrete, plus six thousand pounds per square inch of cross-section of any longitudinal steel reinforcement. Concrete piles shall have their bearing power determined by actual test in loading, unless in the opinion of the Superintendent of Buildings this has been previously done under similar circumstances and with similar earth. Concrete piles shall be made of a mixture not leaner than one part cement, two parts sand and four parts gravel or broken stone capable of passing a one-inch ring, and the concrete must be thoroughly mixed.

(e) No pile or group of piles shall be loaded eccentrically.

#### Section 226. Cellar Floors.

The floor of the cellar or lowest story of all buildings used for dwellings, business or storage purposes shall be of concrete not less than two inches thick or other approved material. Where wooden floors are to be laid in such cellars or lowest stories, the sleepers shall be placed on top of the concrete and the space between shall be filled with cinder concrete or other approved material.

#### Section 227. Chimneys.

(a) The requirements of Section 202 shall be complied with equal force.

(b) When smoke flues are connected with hot water or low pressure steam boilers having a grate area of over eight square feet, bakers' ovens, hotel or restaurant ranges, the brick walls enclosing the flue linings shall be not less than eight inches in thickness. When smoke flues are connected with high pressure steam boilers, smelting furnaces and other apparatus which eat the flues to a similarly high temperature, enclosing brick walls shall be not less than twelve inches in thickness and in place of the lining, the

inside four inches of such walls shall be of fire brick laid in fire mortar extending for a distance of not less than twenty-five feet in any direction from the source of heat, and there shall be an air space of at least four inches within all walls not external to the building for the same distance as required for the lining.

(c) Iron cupola chimneys of foundries shall extend at least ten feet above the highest point of any roof within a radius of fifty feet of such cupola, and be capped with a suitable spark arrester. No woodwork shall be placed within two feet of the cupola.

(d) Brick stacks shall not be less than eight inches in thickness for the upper fifty feet in height and shall be increased four inches for each twenty-five feet or part thereof, below. When a cast or wrought-iron flue is built inside of a stack there shall be not less than four inches open space between the flue and the brick work.

#### Section 228. Allowable Floor and Column Loads.

(a) Each floor of every building shall be of sufficient strength to bear the weight imposed thereon and of sufficient strength in all parts to safely bear, (in addition to the weight of the material of which the floor is composed) upon every square foot of its surface not less than the weights named below for the specified purposes for which such floors are respectively used or designed to be used, according to the following classification:

TABLE OF MINIMUM ALLOWABLE FLOOR AND  
COLUMN LOADS.

Classification	First Floor	Upper Floors	Stairs, Corridors, Aisles
1	2	3	4
1. Dwellings and apartments houses ....	40	40	40
2. Apartment hotels, club houses, nurseries, convents .....	60	50	60
3. Hotels .....	80	60	80
4. Stores, light merchandise .....	125	120	100
5. Stores, heavy merchandise .....	150	125	120
6. Warehouses, light merchandise .....	150	150	120
7. Warehouses, heavy merchandise .....	250	250	120
8. Factories, light .....	100	100	100
9. Factories, heavy; printing houses .....	200	200	120
10. Assembly halls, with movable seats. Dance halls, amusement and exhibition .....	125	..	120

11. Assembly halls, fixed seats,, Churches, lodges .....	80	..	120
12. Drill sheds, stables .....	150	..	150
13. Office buildings .....	125	75	120
14. School class rooms .....	60	60	100
15. School assembly, movable seats .....	120	..	100
16. School assembly, fixed seats .....	80	..	100
17. Hospitals, asylums .....	70	60	85
18. Theatres .....	100	100	125
19. Sidewalks .....	300	..	..

(b) Except in buildings for storage purposes the following reductions in assumed floor live loads are permissible in designing all columns, walls, piers and foundations:

Carrying one floor .....	No reductions
Carrying two floors .....	10% "
Carrying three floors .....	20% "
Carrying four floors .....	30% "
Carrying five or more .....	40% "

No reduction for roof loads.

(c) Minimum allowable floor loads which are not included in the above classification shall be determined by the Superintendent of Buildings.

(d) In computing the dead loads, the actual weights of the materials shall be used or assumed to be as follows:

	Pounds per Cubic foot
Brickwork .....	120
Concrete — Cinder .....	108
Concrete — Stone or gravel .....	144
Granite, bluestone and marble .....	170
Limestone .....	160
Sandstone .....	145
	.. Pounds per foot board measure
Oak .....	4
Hard pine .....	3
Douglas fir .....	2 1/2
Spruce, hemlock, pine .....	2
Maple .....	4

The weight of plastering, including furring and lathing shall be assumed to be seven pounds per square foot for wood lath and ten pounds for metal lath.

Dead loads of partitions and transferred loads from other floors shall be calculated as concentrated loads on the floors carrying the same.

#### Section 229. Permissible Working Stresses.

(a) The safe carrying capacity in pounds of wood beams shall be calculated according to the following table of stresses:

		Bending	Compression
	Extreme Fibre Stress	Maximum Longitudinal Shear.	Perpendicular to the Grain. Parallel to the Grain, Columns $\frac{l}{d}$ with less than 10
Oak	1,400	125	500 1,400
Yellow Pine, long leaf	1,500	125	350 1,500
Yellow Pine, short leaf	1,100	85	300 1,100
Douglas Fir	1,500	100	325 1,200
Eastern Spruce	1,000	75	200 1,000
Pine	900	70	180 900

l—unsupported length in inches.

d—diameter or least side in inches.

(b) The safe carrying capacity of steel and iron shall be determined by the following working stresses in pounds per square inch of sectional area:

COMPRESSION IN SHORT LENGTHS OR WHERE  
LATERAL DEFLECTION IS PREVENTED

	Pounds per square inch
Rolled steel	18,000
Cast steel	16,000
Cast iron	16,000
Steel pins, shop and power driven field rivets (bearing)	20,000
Steel field rivets, driven by hand (bearing)	16,000

TENSION

Rolled steel	18,000
Cast steel	16,000
Wrought iron	12,000

SHEAR

Steel web plates	12,000
Steel shop and power driven field rivets and pins	13,500
Steel field rivets (driven by hand)	10,000
Steel field bolts	10,000
Cast steel	9,000
Cast iron	1,500



## EXTREME FIBRE STRESS

Rolled steam beams, and riveted steel beams .....	18,000
Rolled steel pins, rivets and bolts .....	20,000
Cast iron compression side .....	16,000
Cast iron tension side .....	2,500

ALLOWABLE FIBRE STRESS PER SQUARE INCH  
FOR COMPRESSION FLANGES OF BEAMS

Unsupported Length of Beam	Fibre Stress	Allowable Safe Load tabular loads
		% of full tabular load
20 flange widths .....	18,000	Full
30 flange widths .....	16,200	90
40 flange widths .....	14,400	80
50 flange widths .....	12,600	70
60 flange widths .....	10,800	60
70 flange widths .....	9,000	50

Separators shall not be considered as rendering support to the flange of a beam.

## Section 230. Placards to Show Safe Loads for Floors.

The owner, agent or occupant of every building existing or hereafter constructed, devoted to the sale, storage or manufacture of merchandise, shall affix and display conspicuously on each floor of such building, a placard stating that the load per square foot of floor surface which may with safety be applied to that particular floor. The figures are to be verified and approved by the Superintendent of Buildings before the placards are placed.

No person shall place, cause or permit to be placed, on any floor of any building greater load than the safe load so determined and specified on the placard.

## Section 231. Floor Construction.

(a) Floors shall be designed and constructed to safely bear the loads as classified in Section 228, and where the working stress is not prescribed, the relation of allowable unit to ultimate strength shall be as 1 to 4 for metals, as 1 to 6 for timber, and as 1 to 10 for natural or artificial stone, brick or masonry.

(b) The requirements of Sections 206 and 207 shall be complied with.

(c) No safe shall be placed on a stair landing or in a stair hall, nor shall its weight be carried by any beam which also carries the floor of any stair landing or stair hall.

(d) Floors shall have the joists tied to walls and to each other with wrought iron strap or anchors at least one quarter of an inch thick by one and one-half inches wide,



and not less than eighteen inches long, so as to form continuous ties across the building not more than eight feet apart. Walls running parallel, or nearly parallel with floor joists, shall be properly tied once in eight feet to the floor beams by iron straps or anchors of the size above specified, and extending across at least three joists.

Where the beams are supported by girders, the girders shall be anchored to the walls and fastened to each other by suitable iron straps. The ends of wooden beams resting upon girders shall be butted together end to end and fastened by wrought iron straps or dogs of equivalent strength, the same distance apart, and in the same beam as the wall anchors, or they may lap each other at least twelve inches and be well spiked or bolted together where lapped.

All bolts used in connection with woodwork shall be provided with washers of such proportions as will reduce the compression on the wood at the face of the washer.

(e) Every wooden beam, except header beams, shall rest four inches in the wall at each end, or upon a girder or column as authorized by this chapter, except that wooden floor beams resting on an eight inch wall shall not enter the wall, but shall be supported upon a continuous corbel or by approved metal hangers.

A corbel supporting wooden floor beams shall project at least three inches, with each course projecting not over one inch and at least two courses one of which shall be a full header, projecting the full distance. The corbelling shall extend to the top of the floor beams.

(f) The ends of all wooden beams of floors where they rest on brick walls shall be cut to a bevel of three inches in their depth.

(g) Where openings in floors are covered over with glass, the same shall be not less than three-quarters of an inch in thickness, set in an approved manner. If any glass in same measures more than twenty-five square inches, the glass shall be provided with strong wire netting under the same.

#### (h) Steel Girders and Beams.

No steel in any structural member subject to stress shall be less than  $\frac{1}{4}$  inch thick, except the webs of rolled beams and channels.

The thickness of the web in built up girders shall be not less than 1-120 of the distance between the flange angles or stiffeners, nor less than  $\frac{1}{4}$  inch thick.

Web stiffeners, in pairs, shall be placed over bearings, at points of concentrated loadings and also if the unsupported depth of the web plate exceeds sixty times its thickness in which case they shall be spaced not farther apart than the full depth of the girder.

The depth of girders and rolled beams in floors shall be not less than 1-24 of the span. In case the floors are subject to shocks or vibrations the depth shall be limited to 1-16 of the span.

When two or more rolled beams are used to form a girder, they shall be connected by bolts and separators at intervals of not more than six feet. All beams having a depth of 12 inches or more shall have at least two bolts to each separator.

All connections of beams to girders, girders to columns, and other framing shall be of approved standard connections with sufficient angles or plates and properly riveted or bolted to transmit the load to the supporting member.

Every beam, lintel or girder supported by a wall, shall be properly anchored thereto and shall rest upon a steel or iron plate so designed as to properly distribute the load over the masonry.

(i) **Riveting and Bolting.**

All component parts of built up columns, girders, and trusses, shall be riveted.

The pitch of rivets shall not be less than four diameters of the rivet, nor more than six inches. Rivets shall fill the holes completely.

Where riveting is not required, connections may be made by bolts which shall be of wrought iron or mild steel.

When bolts are used in tension, the working stresses shall be reduced to 7000 pounds per square inch of net area for steel, and to 5000 pounds per square inch of net area for wrought iron, and the load shall be transmitted into the head or nut by washers distributing the pressure evenly over the entire surface of the same.

(j) All steel construction, including the design, quality of materials, fabrication, workmanship and erection, unless otherwise herein provided, shall comply with all of the requirements of the Standard Specification as prepared and revised from time to time by the American Institute of Steel Construction.

**Section 232. Working Stresses for Columns and Piers.**

Note: For minimum column live loads see Section 228.

(a) Every column, pier, post or other vertical support shall be of sufficient strength to bear safely the combined live and dead loads transmitted to it. Footings shall be so designed that the loads will be as nearly uniform as possible and not in excess of the safe bearing capacity as provided in Section 223.

(b) The allowable working stresses per square inch for all steel, cast iron, or wooden columns having flat bearings at each end shall not exceed the values given by the following formulas:

## (c) Steel Columns.

$$\text{Working stress, } s = \frac{18,000}{1 + \frac{l^2}{18,000r^2}}$$

Where  $s$  = allowable compression in lbs. per square inch.

$l$  = unsupported length in inches.

$r$  = least radius of gyration in inches.

The allowable compression ( $S$ ) shall not exceed 15,000 lbs. per square inch,

and the ratio of slenderness  $\frac{l}{r}$  shall not exceed 120, except that for bracing and for compression members resisting wind stress only  $\frac{l}{r}$  shall not exceed 200.

## (d) Cast Iron Columns.

$$\text{Work stress, } S = 9,000 - 40 \frac{l}{r}$$

Maximum  $\frac{l}{r}$  shall not exceed 60

## (e) Wooden Columns

For columns with

$\frac{l}{r}$  greater than

$r$  10, but not exceeding 30,

Oak .....	1400—20— $\frac{l}{d}$
Yellow pine, long leaf .....	1500—20— $\frac{l}{d}$
Yellow pine, short leaf .....	1100—20— $\frac{l}{d}$
Douglas fir .....	1200—20— $\frac{l}{d}$
Spruce .....	1000—20— $\frac{l}{d}$

$l$  = unsupported length in inches.

$d$  = diameter or least side in inches.

The unsupported length of wooden columns and compression members shall not exceed 30 times the diameter or least side, nor shall the unit stresses exceed those given in the table

given in Section 229 for  $\frac{l}{d}$  less than 10.

(f) Columns Eccentrically Loaded.

The stresses of every column which is eccentrically loaded shall be computed. The sum of stresses due to the eccentricity added to all other stresses shall in no case exceed the allowable working stresses stated in this chapter.

The eccentric load of a column shall be considered to be distributed equally over the entire area of the column at the next point below that at which the column is securely braced laterally in the direction of the eccentricity.

Section 223. Column and Pier Construction.

Note: Comply with all paragraphs of Section 201 which apply:

(a) Rolled Steel Columns.

1. No rolled steel column shall contain material whether in the body of the column or used as lattice-bar or stay-plate of less thickness than  $\frac{1}{4}$  inch.

2. In steel columns built up of a web plate and angles and having an unsupported length greater than sixty times the least radius of gyration, the thickness of metal in the angles shall be not less than one-twelfth the width of the outstanding legs of the angles.

3. The unsupported length of a rolled steel column shall not exceed one hundred and twenty times its least radius of gyration, nor forty times its least lateral dimension or diameter.

4. The bearing ends of all columns shall be faced to a plane surface at right angles to the axis of the columns. Wherever practicable, the connections between them shall be made with splice plates. When the sections of the columns to be spliced are such that splice plates cannot be used, a connection formed of plates and angles designed to properly distribute the stress may be used.

5. Where any part of the section of a column projects beyond that of the column above, the difference shall be made up by filling plates secured to the column by the proper number of rivets.

6. The pitch of rivets at the ends of built up columns shall not exceed four diameters of the rivet for a length equal to twice the greatest lateral dimension of the column.

(b) Cast Iron Columns.

1. The outside diameter or least side of cast iron columns shall be not less than five inches, nor shall their unsupported length exceed thirty (30) times their least dimension.

2. The finished thickness of metal in the shaft shall not be less than one-twelfth the outside diameter or the greatest

lateral dimension of cross section, nor less than  $\frac{3}{4}$  inch. The thickness of metal in flanges, lugs, seats and brackets shall be not less than one inch.

3. In all cast iron columns not cast with one open side, at least three holes  $\frac{1}{2}$  inch diameter shall be drilled 90 degrees apart near the middle of the shaft for the purpose of measuring the thickness of the metal.

4. Whenever the core of a cast-iron column has shifted more than one-fourth the thickness of the shell, the strength shall be computed assuming the thickness of metal all around equal to the thinnest part, and the column shall be rejected if this computation shows the strength to be less than required by this chapter.

5. A cast iron column shall be rejected whenever blow-holes or other imperfections reduce the effective area of the cross-section more than 10 per cent.

6. The ends of all cast iron columns shall be planed to a true surface perpendicular to the axis of the column. No shims shall be used between the columns.

7. The connection of beams and girders to cast iron columns shall be effected by means of seats reinforced by brackets of sufficient depth and thickness to support the entire load, or by lugs to which the webs of the beams and girders shall be bolted.

8. All holes in cast iron columns shall be drilled. Cored, or cored and reamed holes shall not be permitted. The diameter of holes shall not exceed that of the bolts by more than one-sixteenth inch. The distance from the center of a hole to the edge of a flange or lug shall be not less than one and one-half inches.

9. Cast iron columns shall not be used in any case where the load is sufficiently eccentric to reduce the unit compression to zero in the extreme fibre on one side of the axis of the column.

#### (c) Concrete Filled Columns.

1. The concrete used in any filled column shall not be of a leaner mixture than one part Portland cement, one and one-half parts clean, sharp sand and three parts screened one-half inch crushed stone; and shall be so placed in the pipe as to eliminate all air holes or voids.

2. No pipe column without concrete filling shall be used in a cellar or basement to support a load exceeding five tons.

3. The Superintendent of Buildings may require the manufacturers of concrete filled columns to submit tests from a reliable testing laboratory and no column shall be stressed more than one-fourth of the ultimate compression.



## (d) Wooden Columns.

1. All wooden columns and posts shall be squared at the ends at right angles to their axis.

2. Where necessary to prevent the unit stresses from exceeding those fixed in this chapter, iron or steel cap and base plates shall be provided.

3. Where the cap plate of a wooden column or post supports a wooden girder, any column above shall bear directly on the metal cap and shall not rest on the girder. If metal pintles are used they shall fit tightly through the girder. Additional iron or steel cheek plates shall be bolted to the girders and post, when required for safety.

4. See Section 206 for quality of timber.

## Section 234. Allowable Stresses for Masonry.

The following table contains the maximum allowable stresses for masonry:

## COMPRESSIVE STRESSES IN POUNDS PER SQUARE INCH.

Granite with dress beds, laid in cement mortar . . . . .	1000
Marble with dressed beds, laid in cement mortar . . . . .	600
Limestone with dressed beds, laid in cement mortar . . . . .	600
Sandstone with dressed beds, laid in cement mortar . . . . .	400
Brickwork laid in cement mortar . . . . .	250
Brickwork laid in cement and lime mortar . . . . .	203
Brickwork laid in lime mortar . . . . .	111
Concrete composed of 1 cement, 2 sand, 4 stone . . . . .	500
Concrete composed of 1 cement, 2½ sand, 5 stone . . . . .	400
Concrete composed of 1 cement, 5 unscreened gravel . . . . .	350
Coursed granite rubble, laid in cement mortar . . . . .	200
Ordinary rubble, laid in cement mortar . . . . .	140
Ordinary rubble, laid in cement and lime mortar . . . . .	100
Ordinary rubble, laid in lime mortar . . . . .	60
Concrete blocks, gross bearing area . . . . .	100
Hollow tile, hard fire clay tile . . . . .	80
Hollow tile, ordinary clay tiles . . . . .	60
Hollow tile, porous terra-cotta tiles . . . . .	40

## Section 235. Wall Construction.

(a) All masonry walls shall be designed to safely support the live and dead loads as herein provided and no material shall be stressed in excess of the allowable stresses as provided in Section 234.

(b) The minimum thickness for all outside, party and bearing walls of all buildings erected within the fire limits, for all buildings in Class B, Class D, and all buildings in Class H over four stories, shall be not less than the number of inches shown in the following table:



No	Stories	B	1	2	3	4	5	6	7	8	9	10
1		12	8									
2		12	12	8								
3		16	12	12	8							
4		16	16	12	12	12						
5		16	16	16	12	12	12					
6		20	16	16	16	12	12	12				
7		20	20	16	16	16	12	12	12			
8		24	20	20	20	16	16	12	12	12		
9		28	24	24	20	20	16	16	12	12	12	
10		32	28	24	24	20	20	16	16	12	12	12

(c) The minimum thickness for all non-bearing walls in all buildings as listed under paragraph b shall be not less than the number of inches shown in the following table:

No.	Stories	B	1	2	3	4	5	6	7	8	9	10
1		12	8									
2		12	12	8								
3		12	12	12	8							
4		12	12	12	12	8						
5		16	12	12	12	12	8					
6		16	16	12	12	12	12	8				
7		16	16	16	12	12	12	12	8			
8		20	16	16	16	12	12	12	12	8		
9		20	20	16	16	16	12	12	12	12	8	
10		20	20	20	16	16	16	12	12	12	12	8

(d) The minimum thickness for all outside and bearing walls of all buildings in Class H not over four stories and all buildings in Class I erected of second class construction, shall be not less than the number of inches shown in the following table:

		Non Bearing Walls									
No.	Stories	B	1	2	3	4	B	1	2	3	4
1		12	8				8	8			
2	and 2½	12	8	8			8	8	8		
3		12	12	8	8		12	8	8	8	
4		16	12	12	8	8	12	12	8	8	8

Provided, however, that thickness of walls as shown in Paragraph b shall be used in all buildings with wooden floor beams spanning over 15 feet.

(e) The following shall apply to the walls of all buildings : If the clear span between walls or from wall to partition or bearing opposite is to be over twenty-five feet, then the bearing walls shall be increased four inches in thickness for every twelve and one-half feet or fraction thereof that the said span is over twenty-five feet; or instead of increased thickness of walls, palisters or buttresses may be incorporated in the walls subject to the approval of the Superintendent of Buildings.

In all buildings, walls eight inches thick and over forty-five feet in length; and walls twelve inches thick which are

over sixty feet in length, and walls sixteen inches thick which are over one hundred feet in length, shall be four inches thicker throughout than is required by this chapter, unless they are properly reinforced by cross walls, palisters or buttresses.

(f) The superintendent may allow reduction in the required thickness of non-bearing foundation walls retaining not over ten feet of earth, if properly reinforced, but in no case shall be less than twelve inches.

(g) All portions of any wall or pier weakened by recesses, flues or openings therein shall be increased in thickness or otherwise reinforced to sustain the loads thereon. Recesses in outer walls shall leave not less than eight inches of masonry. Wide recesses for stairs, elevators, etc, may be allowed, subject to the approval of the Superintendent.

(h) The walls and piers of all buildings shall be properly and solidly bonded together with joints completely filled with mortar. They shall be built to a line and be carried up plumb and straight. The walls of each story shall be built up the full thickness to the top of the beams above.

(i) All brick walls shall be laid with full mortar joints and at least every seventh course shall be a heading course, except where walls are faced with brick in running bond, in which case, every seventh course shall be bonded into the backing by cutting the course of the face brick and putting diagonal headers behind the same, and all bearing walls faced with brick laid in running bond shall be four inches thicker than the walls required to be under any section of this chapter. Brick walls laid in Flemish bond shall have full headers at least every fifth course. All walls must be bonded through at least once in every seventh course. Metal ties approved by the Superintendent, may be substituted in place of headers, in which case in every fourth course, at least, every other brick shall have a metal tie.

(j) All walls meeting at an angle shall be securely bonded to each other, or, if one wall is built in advance of the other, shall be united by proper bonding and at intervals of 6 feet by wrought iron tie anchors not less than one and one-half inches by three-eighths of an inch in cross section, and not less than twenty-four inches in length.

(k) Brick walls may be built with air spaces, provided they contain exclusive of bonding bricks the same amount of material as required for solid walls and the wall inside of the air space supporting more than two floors shall be not less than eight inches thick. The walls shall be securely tied together with headers at least every seventh course or metal ties not more than sixteen inches apart both vertically and horizontally.

(l) Hollow walls known as the "Ideal Wall", may be used in all buildings in Classes H and I, and in any one-story building, provided all paragraphs of this section which apply

are complied with; and further provided that an eight-inch wall of this construction shall not be used for more than two (2) stories or twenty feet in height.

This construction shall not be used for foundation walls below grade, nor for fire, division or party walls.

The brick shall be hard burned, laid in Flemish bond with cement mortar and the air spaces shall be filled solid for at least two courses below all floor or roof beams.

(m) Hollow brick, when hard burned and of the dimensions of common brick and when properly bonded to wall, may be reckoned as part of the thickness of the wall.

#### Section 236. Panel or Enclosure Walls for Skeleton Construction.

Non-bearing enclosure walls of brick between masonry piers or iron or steel columns, and supported wholly or in part on iron or steel girders, shall be not less than twelve inches thick laid with cement mortar for the six upper-most stories thereof and be increased four inches for the lower four stories or part thereof. Where such walls are wholly supported by beams or girders at each story, and the distance between vertical supports does not exceed fifteen feet, the walls may be constructed of 12-inch terra cotta blocks, laid with cement mortar, and if the area of any wall between all supports does not exceed one hundred square feet the blocks may be eight inches thick.

When the vertical distance between supporting girders exceeds fifteen (15) feet the thickness of the wall shall be increased four (4) inches for each fifteen (15) feet or fraction thereof that the said vertical distance exceeds fifteen (15) feet.

All enclosure walls within four (4) feet of the adjoining lot line shall be at least twelve (12) inches thick of solid brickwork laid in cement mortar.

All enclosure walls shall be anchored to the steel framing at both girders and posts, the anchors being spaced not further than six (6) feet apart.

#### Section 237. Stone Walls and the Use of Ashlar Facing.

(a) Where walls or exterior piers are built of coursed stones with dressed level beds and vertical joints, the superintendent may allow such walls or piers to be built of a less thickness than specified for brick walls, but in no case shall said walls or piers be less than three-quarters ( $\frac{3}{4}$ ) of the thickness provided for brickwork.

(b) Material used for the facing and known as ashlar shall not be less than four inches thick, and shall be securely anchored to the backing. The backing shall be of such thickness as to make the walls, independent of the ashlar, conform as to thickness with the requirements of this chapter. In

computing the thickness of walls, ashlar shall not be included unless the walls are at least sixteen inches thick, and the ashlar is at least eight inches thick, or alternate courses are at least four and eight inches to allow bonding with backing. Ashlar shall be properly anchored by metal clamps to the backing or properly bonded to the same. Proposed methods of anchoring ashlar to backing walls shall be submitted to the Superintendent for approval.

The height of facing stone courses shall not exceed eight times the thickness of said courses; excepting that spandrel and other recessed panels, when approved may exceed this height, provided they are of the minimum thickness as herein provided.

Architectural terra cotta shall be hard burnt, properly stiffened by webs, shall be not less than four (4) inches thick and shall be securely anchored to the backing.

Section 238. Exterior Walls of Hollow Tile.

(a) Hollow building blocks of hard burned clay may be used for exterior walls, except party and fire walls and excepting foundation walls below grade, of buildings not exceeding three stories or forty (40) feet in height and only where the allowable live load for floors supported by said walls does not exceed seventy-five (75) pounds per square foot. The minimum thickness of such walls shall be as required for brick walls.

(b) The building blocks shall be made of dense material, hard-burned or semi-vitrified. The minimum thickness for the outside shell shall be not less than three-quarters ( $\frac{3}{4}$ ) of an inch, with webs not less than five-eighths ( $\frac{5}{8}$ ) inches in thickness, and with the area of the voids in any such block not exceeding sixty-three (63) per cent. of the gross area of the cross section of the block. The maximum allowable compressive stresses shall not exceed two hundred (200) pounds per square inch of gross bearing area and the ultimate compressive strength shall be not less than seven hundred (700) pounds per square inch of gross area. The absorption shall not exceed twelve per cent of the weight of the tile in 48 hours. The Superintendent may require a test to be made at the expense of the owner or contractor.

(c) All building blocks shall be laid with full cement mortar joints and the blocks shall be suitably bonded. When hollow block walls, laid with cells vertical, are decreased in thickness, the blocks in the top course of the thicker wall shall be filled solidly with concrete or may be covered with slabs of hard burned tile or concrete at least one (1) inch in thickness. Tile, concrete, or metal slabs or templates of approved size and thickness shall be placed under all floor beams and girders in order that the allowable working stresses shall not be exceeded. The voids in all blocks used in the jambs of openings over five (5) feet in width and all mullions or piers less than two (2) feet in width, shall be filled solidly with concrete.



(d) Hollow blocks when used to form lintels, which are not keyed arches, shall be reinforced with steel rods of suitable dimensions placed in each of the lower voids of the blocks and all voids shall be filled solidly with concrete. Such rods shall extend throughout all the blocks forming the lintel, and if not square twisted or of deformed pattern, shall be turned at their ends and lapped back at least three (3) inches. Arches may be made of suitable voussoir blocks.

(e) In block walls all chases, channels or recesses for piping wiring or other purposes shall be constructed at the time the walls are built, so that the adjacent portions of the wall are not weakened by the use of cracked or improperly broken blocks. No building block shall be broken into after being placed in the wall except by permission of the Superintendent.

(f) Exterior walls of hollow building tile blocks shall be either extra hard burned, or be veneered with brick, architectural terra cotta or stone securely bonded, or the blocks shall be covered on the exposed surface with at least three-quarters ( $\frac{3}{4}$ ) inch of cement stucco; such blocks shall be well scored, grooved or roughened to retain the coating. The stucco shall not be considered as a part of the required thickness of the wall.

(g) Hollow building blocks may be used in buildings which are exempted in Par. (a) of this section, provided the walls are veneered with brick, properly bonded at least every sixth course of brickwork, and shall be at least four (4) inches thicker than the required thickness of brick walls or of the thickness as determined by the Superintendent.

**Section 239. Area and Protection of Exterior Wall Openings.**

(a) All requirements of Section 209 shall be complied with.

(b) Within the fire limits, every building, except churches and dwellings in Class I, shall have approved fire doors or fire windows for all exterior openings within ten (10) feet from the lot line, or within ten (10) feet from another building on the same lot; and further provided, that these distances shall be increased to twenty (20) feet for all buildings, except churches and dwellings in Class I, which are over two (2) stories or thirty (30) feet in height.

(c) All exterior openings, both within and without the fire limits, including openings on the street front or within a court, except plate glass show windows, in all buildings over seventy-five (75) feet in height, irrespective to the distances as provided in Par. (b) shall have approved fire doors or fire windows.

(d) All exterior openings, both within and without the fire limits, less than four feet from the lot line and all openings which are less than fifty (50) feet above the roof of an

adjoining building shall have approved auto-closing fire doors or auto-closing or stationary fire windows.

(e) All openings, both within and without the fire limits, less than two feet from the lot line shall have stationary fire windows.

(f) Every building outside of the fire limits and also all dwellings in Class I within or without the fire limits, which are constructed of second class construction, shall have approved fire doors or fire windows on every exterior opening which is less than the distances required between buildings as provided in Section 194.

(g) All exterior openings within an inner or outer court which are within the distances prescribed for distances between buildings in Par. (b) both within and without the fire limits, shall have approved fire doors or fire windows.

All openings within a court which is less than eight (8) feet in width shall have approved auto-closing fire doors, or auto-closing or stationary fire windows.

(h) Churches shall not be required to have fire protected openings, unless, in the opinion of the superintendent, such building would constitute an extreme fire hazard.

(i) In every building over fifty (50) feet in height, the exterior windows of which are not required to be fire protected, there shall be a distance of at least three (3) feet between the top of a window sill, and the bottom of the lintel of a window directly beneath. No such window shall be arranged to open within one (1) foot of the ceiling surface.

(j) All exterior windows in elevator shaftways shall be protected on the exterior by vertical metal bars, not less than  $\frac{5}{8}$  inches in diameter, spaced not over nine inches apart and securely fastened to the masonry wall.

#### Section 240. Parapet Walls.

Walls of brick not less than twelve (12) inches thick except where an eight (8) inch wall is allowed in the upper story, shall be built to extend above the roof of a second class building if such roof is flat or stands upon or within six (6) feet of any lot line, excepting street lines. Such walls shall extend at least two (2) feet above the roofs of such buildings. Walls upon street lines may be dispensed with above the roof lines in all cases where they are finished with cornices or gutters or where the entire roof is made of first class construction. All walls shall be capped with fireproof material.

#### Section 241. Cornices.

(a) See Section 217 for projection of cornices.

(b) Within the fire limits exterior cornices, inclusive of those on show windows and gutters on all buildings shall be constructed of incombustible material and strongly supported; with the exception of churches and also buildings in Class I



which are more than five (5) feet from the lot line and ten (10) feet from another building on the same lot.

(c) Outside of the fire limits, where buildings are less than three (3) feet from the lot line or less than five (5) feet from another building, the exterior cornices or gutters on such sides, shall be of or covered with incombustible material.

(d) All combustible cornices shall be fire-stopped at least at each end, and the superintendent may require intermediate stops.

(e) Masonry cornices shall be securely anchored to the wall and also to the adjoining floor or roof construction. Stone cornices shall have the greater weight of material inside the face of the wall and shall balance about a point at least two (2) inches inside the outer face of the wall with a live load of forty (40) pounds per square foot on the projecting portion without relying upon any load upon the cornice.

(f) No cornice shall extend more than four (4) feet above the top of the adjacent roof beams.

(g) On buildings within the fire limits all exterior wooden cornices or gutters which are unsafe or damaged by fire, or otherwise, to the extent of one-half shall be removed or if replaced shall be of or covered with incombustible materials and shall be firestopped as provided in Par. (d).

#### Section 242. Increase in Thickness of an Existing Wall.

In case it is necessary to increase the thickness of an existing wall, a lining of brickwork shall be added to form a combined thickness with the old wall of not less than four inches more than the thickness required for a new wall, such lining shall be supported on proper foundations and carried up to such height as the superintendent may require. No lining shall be less than eight inches in thickness and all lining shall be laid up in cement mortar and thoroughly anchored to the old brick wall with suitable wrought-iron anchors, placed not more than two feet apart and properly fastened or driven into the old wall in rows alternating vertically and horizontally with each other. Plaster or other coatings shall be removed from the old wall before any lining is built against the same. No rubble stone wall shall be lined except after inspection and approval by the Superintendent. This section shall not prevent increasing the height of existing walls without increasing the thickness thereof, if they are to be used as non-bearing walls, and if other bearing supports satisfactory to the superintendent are provided.

Walls heretofore built for or used as party walls whose thickness at the time of their erection was in accordance with the requirements of the then existing laws but which are not in accordance with the requirements of this chapter, may if approved by the superintendent, be used for the ordinary uses of party walls, provided the height of the same be not increased.

**Section 243. Fire Walls.**

(a) Where fire walls are required within this code, such walls shall be built of solid brickwork laid in cement mortar, or of reinforced concrete.

For thickness of brick wall see Section 235.

For thickness of concrete walls see Section ———

(b) Fire walls may be supported by girders at each story, in which case the walls may be twelve (12) inches thick, and provided the girders are encased in concrete as required in Section 249.

(c) Every opening in a fire or party wall, shall be protected on each side of the wall by an approved automatic closing fire door. No opening in any such wall shall exceed eighty (80) square feet in area, except by written permission of the superintendent. An opening not exceeding one hundred and twenty (120) square feet may be allowed in special cases. In no case shall the total width of openings in any one story other than the first story, exceed twenty-five (25) per cent in linear length of the wall.

(d) Fire and party walls shall be continuous from foundation to at least three (3) feet above the roof level and be coped with incombustible material, except that such walls need not extend above the roof if the entire roof construction is of incombustible material.

**Section 244. Partitions.**

(a) All requirements of Section 210 which apply, shall be complied with.

(b) All partitions in store buildings between independent tenants, including partitions in cellars or basements, shall be constructed of at least eight inch solid brick, eight inch solid concrete blocks or six inch reinforced concrete; provided, however, that eight inch hollow concrete blocks, eight inch two-cell terra cotta or four inch wood studs with metal lath and plaster both sides and properly fire-stopped may be used in the first story of such buildings which are not over one story in height. Such partitions shall have no windows and all doors shall be provided with approved fire doors. All such partitions shall extend from the floor to the underside of the floor or roof boarding above.

(c) All partitions in store buildings, except as provided in Par. (d), shall be covered with approved incombustible material.

(d) All partitions in cellars or basements forming separate compartments for the use of independent tenants in all tenement houses containing more than two tenants and in all buildings in Class H, shall be of incombustible material at least two inches thick. Such partitions shall have no windows and all doors shall be approved fire doors. All such partitions shall extend from the floor to the underside of the

floor boarding above. All such compartments shall have at least one exterior window. Such partitions, including doors, may be built of wood posts and covered with galvanized wire netting.

(e) All partitions in office buildings between independent tenants and all partitions enclosing public hallways shall be covered with metal lath and plaster or other approved incombustible material. All other partitions in office buildings must not pierce the floor or ceiling.

(f) For Fire Walls see Section 219.

**Section 244 ½ Ceilings.**

(a) All ceilings in hospitals, nurseries and schools in Class B, and all ceilings in stores in Classes E and F, shall be covered with metal lath and plaster.

(b) All ceilings in buildings in Class B not included in Par. (a), and all ceilings in office and store buildings in Class D shall be covered with metal lath and plaster or other approved incombustible material.

See Classification of Buildings, Section 179 to 183.

All requirements of Section 213 shall be complied with.

**Section 244 ¾. Elevators.**

All elevators and escalators installed, altered or repaired shall conform to the Rules and Regulations of the Massachusetts Department of Public Safety as revised from time to time, together with the following additional requirements:

**Interlocking Device or Gate Contacts.** Every new passenger elevator installed shall be provided with an approved interlocking device or gate contacts to prevent the car being moved until all doors to the enclosure are closed.

**Section 245. Stairs, Corridors and Exits.**

(a) All requirements of Section 212 shall be complied with.

(b) All buildings in Classes B, D, except office buildings with not over two thousand (2,000) square feet on the second floor and not over two (2) stories high, E, F, G, H, I, except buildings with not over six (6) rooms above the first story, shall have not less than two (2) stairways.

(c) Except as provided in Section 212, all stairways shall be not less than three (3) feet and six (6) inches in width, separated from each other as far as practicable and each accessible from all parts of the building. At least one flight shall continue to the roof.

(d) All buildings used for offices or stores having an undivided floor area of more than six thousand (6,000) square feet, shall have three (3) stairways, the combined width of

which shall be twenty-two (22) inches for each one thousand (1,000) feet in area in excess of six thousand (6,000) square feet, in addition to the minimum of seven (7) feet. Additional stairs shall also be provided so that no part of the floor area measured along public passageways or aisles shall be over seventy-five (75) feet for stores, one hundred (100) feet for offices and one hundred and fifty (150) feet for factories and workshops. The superintendent shall direct that additional means of egress be provided for any building when in his opinion the height, condition, construction, surroundings, character of occupancy, or number of occupants renders such additional means of egress necessary to the safety of the occupants.

(e) The stairs in all buildings, except in Class I, shall have not more than twelve (12) nor less than three (3) risers between landings. All landings shall be not less than three (3) feet and six (6) inches wide between risers. Landings shall be provided for all openings adjacent to stairs, and shall be at least the full width of said opening.

(f) In all offices, stores, and buildings for public assembly the stair treads shall measure not less than nine and one half (9½) inches from face to face of risers. The risers shall be not more than seven and one-half (7½) inches measured from top to top of treads.

(g) All stairs and stair openings shall be properly guarded by walls or well secured balustrades. All stairs, except in private residences, shall have at least one hand rail; all stairs over five (5) feet wide shall have two hand rails; and all stairs over seven (7) feet wide shall have a continuous intermediate hand rail securely supported.

(h) All ramps or inclines shall be constructed as approved by the superintendent and shall be guarded with balustrades or rails as provided for stairs.

(i) All stairs shall be constructed to safely sustain the loads as required in Section 228.

(j) In all buildings where the treads and landings of iron stairs are of slate, marble or other stone, there shall be placed directly underneath each tread and each landing for their entire length and width, a wrought-iron or steel plate made solid or having openings not exceeding four inches square in same of adequate strength, but in no case less than one-eighth of an inch in thickness, and securely fastened to the strings with bolts or rivets, or to both the strings and risers, if the treads be more than three and one-half feet long, so that said plates in themselves shall furnish a safe passage-way independent of the slate, marble or other stone placed thereon. If the stairs are constructed of other fireproof material than iron, with slate, marble or other stone treads and landings, each solidly supported for their entire length and width by the materials composing such stairs, such support plates shall not be required.



(k) The location and width of public exit corridors or passageways and exit doors shall be as approved by the superintendent, and in no case shall corridors be less than three (3) feet and eight (8) inches wide. Corridors connecting two flights of stairs in the line of travel of an exit shall be at least as wide as the wider of the two flights.

Doors serving more than fifty (50) persons and opening to public corridors or to enclosed stairs shall open toward the stairs. Rooms accommodating more than fifty (50) persons shall have at least two doors leading to exits, each door to be not less than three (3) feet wide and with an aggregate width of twenty (20) inches for each one hundred (100) persons and fraction thereof accommodated. Any fastenings on doors required by this paragraph shall be such as may be easily opened from the inside without the use of keys; provided, however, that this requirement shall not apply to the doors of rooms where persons are held under legal restraint.

Outside and vestibule doors for buildings accommodating more than one hundred (100) persons, except one-story stores of less than two thousand square feet in area, shall swing out or shall be double-swing or revolving doors; provided, however, that this requirement shall not prohibit the use of sliding or folding doors, which are in addition to the required exit doors, and which may be used only for closing the building after business hours.

(1) All stairways, corridors and exits in public buildings shall be properly lighted during business hours.

(m) An outside fire-escape, of approved construction and access, may be considered equivalent to one of the required exits for all buildings not more than three (3) stories high except for stores, restaurants and factories. Such fire-escapes may project not more than four feet over a public way or beyond a building line, in which case they shall have a clearance of not less than eight (8) feet above the ground and shall be provided with a cantilever or approved ladder. The balcony on the top floor shall be provided with a goose-neck ladder leading from said balcony to and above the roof. The owner or owners of any building upon which a fire escape is erected shall keep the same in good repair and properly painted. All fire-escapes shall be constructed in accordance with, or equal to the requirements of the Massachusetts Department of Public Safety.

(n) All stairways, corridors and exits which are required to be approved by the Massachusetts Department of Public Safety shall be constructed to comply with all the laws of said Department.

Section 246. Enclosures of Stairs, Elevators and Other Shaftways. . . . .

(a) All requirements of Section 214, Pars. (a), (f), (g), (p), (q), (r), shall be complied with.

(b) Where stairs, elevators or other shaftways are required to be enclosed, as provided in this section the enclosure walls shall extend to the underside of the roof boarding, slab or arch; provided, however, that elevator shaftways extending to the top floor shall extend at least three feet above the roof. If said roof is of frame construction the ceiling shall be metal lathed and plastered. The enclosure walls shall be of incombustible material at least two inches thick with all openings protected by approved fire doors or fire windows provided, however, that in frame constructed buildings, such walls may be constructed of four inch studs, properly fire-stopped at each floor and covered on both sides with metal lath and plaster. Ventilation shall be provided at the top of all shafts.

(c) In addition to any requirements of the Department of Public Safety, the following shall be enclosed with the construction as required above:

Stairs to tenements or apartments over stores.

Hospitals, asylums, nurseries and detention buildings to have all stairways and elevators enclosed.

Buildings having an assembly hall or lodge room, churches, amusement halls, and exhibition buildings to have all basement stairs enclosed, and, if such rooms are above the second story shall have one stairway enclosed.

Office buildings, hotels and stores if four or five stories high, shall have at least one stairway enclosed. If six or more stories high shall have all stairways enclosed: provided, however, that they need not be so enclosed in the first story if opening into a public lobby leading direct to exit and separated from the remainder of the building by first class construction: and further provided, that independent flights connecting not more than two stories need not be so enclosed.

In all buildings of second class construction, except buildings in Class G., all elevator, light and vent shafts shall be enclosed, provided, however, that an elevator within an enclosed stairway shall not be required to be enclosed as provided above, but shall be protected by metal grillwork.

#### Section 247. Vent Flues and Ducts.

(a) All clothes chutes and all vent flues or ducts for the removal of foul air, in which the temperature of the air cannot exceed that of the room shall be constructed of sheet metal or other incombustible material, and shall not be used for any other purpose.

Any opening in such ducts or shafts shall be protected by automatic closing fire-doors or by automatic closing metal louvres or dampers. All vent ducts shall open to the outside of the buildings.



(b) All vent flues or ducts connected with hoods over restaurant ranges and all ducts connected with blower heating and ventilating systems shall be constructed of masonry at least four (4) inches thick or of metal and covered on all sides with metal lath and plastered at least two inches thick of cement plaster. Such flues or ducts shall be not less than two inches from wooden studding or other inflammable material. Automatic closing dampers shall be provided as directed by the Superintendent of Buildings.

(c) All dust chutes shall be constructed as provided in par. (b) and if between stories may be prohibited by the Superintendent of Buildings.

#### Section 248. Fire Stops.

(a) All requirements of Section 213 which apply to Second Class Construction shall be complied with.

(b) All spaces between and behind all furring or studding on masonry walls shall be filled solid with brick and mortar or other incombustible material for a space of five inches in height above the top of the floor beams and for five inches below the bottom of the floor beams.

(c) All spaces between floor joists and masonry walls, and all chases or recesses shall be fire-stopped at each floor as provided in par. (b).

#### Section 249. Protection of Structural Steel.

(a) All metal structural members, including columns whether filled or unfilled, which support masonry walls in buildings which are required to be built of Second Class Construction, as herein defined, shall be encased in solid concrete, terra cotta or brick, no part of which shall be less than two inches thick. All metal columns in wet or damp places supporting any part of the structural frame of a building shall be so encased.

No pipes, plumbing, electric or other conduits shall be embedded in the required fireproofing of columns or other structural members.

(b) When the fireproofing as required in par. (a) is of concrete, it shall be cast solid with necessary reinforcing. Round columns may be fireproofed by applying two separate layers, each not less than one (1) inch thick, and each layer shall be reinforced with metal lath securely fastened around the column. Patent plaster, plaster of Paris or lime plaster shall not be used in fireproofing. Cinders may be used if thoroughly burned and all dust is removed.

When the fireproofing is of terra cotta or brick it shall be laid in Portland cement mortar, breaking joints, with all spaces filled solid between the metal and the casing, and securely anchored or wired with galvanized steel wire not smaller than twelve (12) gauge. The wire shall not be wound spirally around the column, but each band shall be a separate

unit and securely bound. Hollow terra cotta shall be plastered with Portland cement mortar at least three-fourths of an inch thick.

(c) All metal structural members, including columns, except as provided in Par. (a), in all buildings which are required to be built of Second Class Construction, as herein defined, shall be encased as provided in Par. (a) and (b) or may be encased with gypsum blocks laid with gypsum mortar and securely anchored, or may be encased with metal lath and cement plaster, provided all furring is of metal and at least a one inch space is provided between the metal and the casing.

Girders and trusses carrying only roof and ceiling loads and protected by a suspend ceiling of metal lath and plaster need not have any other fireproofing.

Girders and trusses carrying only roof loads and with a clear open space at least twenty (20) feet high below and also all steel work carrying roof loads only in buildings one-story in height need not be fireproofed.

(d) Fireproofing of columns exposed to damage from trucking or otherwise shall be protected with metal or other approved covering at least four feet high and securely fastened.

#### Section 250. Fire Prevention.

(a) All requirements of Section 214 shall be complied with.

(b) High pressure steam boilers, bakery ovens or furnaces in which fires are maintained producing a high degree of heat, shall rest on the ground or on a floor of first class construction, as herein defined.

(c) Low pressure heating boilers, coffee roasters, stoves or ranges without legs and similar appliances where hot fires are used, shall rest upon fireproof foundations as required in par. (b), or may be placed upon wooden floors if said floors are protected by a  $\frac{1}{2}$  inch layer of asbestos building lumber, and covered with not less than four (4) inches of masonry laid in cement mortar. Such masonry shall have at least one course of hollow brick or tile and laid to preserve a free circulation of air throughout the whole course. Hearths shall extend at least twelve (12) inches on the sides and back at least twenty-four (24) inches on the front. Such hearths may be constructed as provided above or may similarly constructed between floor joists.

(d) All registers for hot-air furnaces placed in any wooden floor and directly over the furnace shall have stone or iron borders, and no woodwork shall be less than three (3) inches from the hot air pipe.

(e) All walls, ceilings and partitions in all drying rooms in which a temperature of 125 degrees F. or over is

maintained, unless required to be of first class construction, shall be covered with metal lath, not lighter than twenty-four gauge, and plastered with cement plaster not less than three-fourths of an inch thick, or one-fourth inch asbestos board with all joints cemented.

(f) Shaving pits in all factories where woodworking machinery is used shall be constructed of brick, or other incombustible material, and shall be separated from the boiler room by standard fire doors. All such factories shall have metal chutes leading to said shaving pits from each floor where woodworking machine is located. Shavings shall not be allowed to accumulate, but shall either be kept in pits as above mentioned or removed from the premises.

(g) Standpipes for Fire Department use shall be installed in all buildings as follows:

For buildings in excess of four stories or fifty-five (55) feet in height and not within seventy-five (75) feet of exposing buildings, a standpipe not less than three (3) inches in diameter;

For other buildings in excess of four stories or fifty-five (55) feet in height, a standpipe not less than four (4) inches.

Standpipes shall be located within fireproof stairway enclosures, or where no enclosure exists shall be as near as possible to the stairway or fire escape.

One standpipe shall be provided for each separate fire area exceeding 2500 square feet area, with at least one standpipe within seventy-five (75) feet of every exterior walls in the building.

Standpipes shall extend from the cellar to and through the roof, with a  $2\frac{1}{2}$  inch hose connection and gate valve not over five (5) feet above floor level in each story, including cellar and roof. Roof connections to have a controlling gate valve under the roof and arranged to be operated both from above and below the roof, with  $\frac{3}{4}$  inch drain pipe and valve to prevent freezing. One hundred (100) feet of hose shall be attached to each outlet, placed on suitable racks, and provided with washers, spanner and nozzle.

Standpipes shall be connected to a Siamese steamer connection outside of the building.

The Chief of the Fire Department shall approve of the location of all outlets and connections and may require the owner to make a test of the entire system.

(h) Where sprinkler systems are required within this chapter, such installations shall comply with the "Regulations of the National Board of Fire Underwriters Governing the Installation of Sprinkler Equipments," as revised from time to time.

(i) All elevators which are not required to be enclosed with fireproof walls with fire doors, the openings thereof opening through and upon each floor of such building shall be provided with and protected by a substantial guard or gate, and with good and sufficient automatic trapdoors, covered with tin on the underside and edges, in accordance with standard for fire doors, and so constructed as to form a substantial floor surface when closed. The guards or gates and railings shall be of such material and form of construction as may be approved by the superintendent.

**Section 251. Roof Construction.**

(a) All requirements of Section 215 shall be complied with.

(b) The wooden planking or sheathing of roofs shall not be extended across party or fire walls.

(c) All inclosures upon roofs for tanks, elevators, pent houses or bulkheads shall be constructed of incombustible material or may be built of wooden studs and covered inside and outside with incombustible material.

(d) Tanks containing more than five hundred gallons of water, or other fluid, placed in any story, or on the roof or above the roof of any building, shall be supported on iron or steel beams of sufficient strength to safely carry the same; and the beams shall rest at both their ends on brick walls or on iron or steel girders or iron or steel columns or piers of masonry. Underneath any such water tank or on the side near the bottom of the same, there shall be a short pipe or outlet not less than four inches in diameter, fitted with a suitable valve having a lever or a wheel handle to same, so that firemen or others can readily discharge the weight of the fluid contents from the tank, in case of necessity. Such tanks shall be placed when practicable at a corner of the building, and shall not be over nor near a line of stairs. Covers on water tanks on roofs, if of wood, shall be overlaid with tin, or other approved incombustible material.

(e) Roof Signs. See Section.....

**Section 252. Skylights.**

All requirements of Section 216 shall be complied with.

**Section 253. Projections Over Public Ways.**

All requirements of Section 217 shall be complied with.

**Section 254. Manufacture and Use of Concrete Building Blocks and Other Concrete Units.**

(a) Concrete blocks, brick, structural tile and other building units made of Portland cement and aggregate shall, for the purposes of this ordinance, be classed as "concrete blocks."



(b) Every manufacturer of concrete blocks and every selling agency or dealer therein shall secure a certificate from the Superintendent of Buildings for the manufacture or sale of such blocks to be used for building purposes within the city of New Bedford. Said certificate shall be issued as soon as report of test has been obtained and approved by the Superintendent showing that the concrete products proposed to be sold have met all the requirements of this ordinance. The name of the manufacturer, selling agent, firm or corporation and its responsible officers making application for such certificate must be placed on file with the Superintendent before any such certificate shall be issued. All changes in ownership or management must be reported in writing within five (5) days thereafter to the Superintendent.

Said license will continue in force until revoked by the Superintendent of Buildings for any violations of this ordinance.

(c) All concrete blocks manufactured by licensees under this section shall bear an identification mark at least one inch high, approved by the Superintendent, impressed into every block while the said blocks are in a plastic condition, unless said blocks are of such exclusive and distinctive shape as to be readily identified.

(d) Portland cement used in the manufacture of concrete blocks shall conform to the standard specifications of the American Society for Testing Materials, as revised from time to time. The aggregate shall be of approved material, free from dirt or other foreign matter, properly graded but in no case shall the maximum dimension exceed one-half the thickness of the thinnest shell or web of the finished block.

The materials shall be so proportioned that the block shall meet the requirements of the compression and absorption tests as required within this section. Hydrated lime or waterproofing material may be added to the mixture not to exceed ten (10) per cent, of the volume of the cement used. The materials shall be thoroughly mixed and properly tamped. Blocks shall in no case be used in the construction of a building until an age of thirty (30) days has been obtained if air cured and twenty-one (21) days if steam cured.

(e) Concrete blocks manufactured or dealt in by any licensee under this section shall be tested at least once every year and at such other times as the Superintendent of Buildings may deem advisable. Such tests shall be made in a testing laboratory of recognized standard and all charges to be paid for by the manufacturer or agent. For each test three (3) blocks of the regular size used in construction shall be selected by the Superintendent and adequately marked for identification. In case of the failure of the first three samples to pass the prescribed test, the Superintendent may in his discretion select three more samples and repeat the test. The second test shall be final.

The test shall be a compression test and for blocks the faces of which are to be exposed in exterior work, an absorption test. The ultimate compressive strength of hollow concrete blocks at twenty-eight (28) days or when delivered to the site where they are to be used must average, for the three samples taken, seven hundred and fifty (750) pounds per square inch on the gross sectional area of the block as designed to be used in construction and must not fall below six hundred and fifty (650) pounds per square inch in any one block. The ultimate compressive strength of solid concrete blocks shall be not less than twelve hundred (1200) pounds per square inch of gross cross sectional area.

The absorption test will be made upon the samples before they are used for the compression test.

This test shall be made by thoroughly drying the block and placing it in clean water with the top surface exposed to the air about  $\frac{1}{4}$  inch for a period of forty-eight (48) hours.

No block shall absorb more than ten (10) per cent of its dry weight when tested.

For the second failure to meet the requirements of the test provided herein the license may be suspended for one month and for the third failure the license shall be revoked.

(f) Concrete blocks may be used wherever solid masonry or terra cotta blocks are permitted in this chapter in any building not more than three (3) stories or forty (40) feet high, except as herein provided, and shall be not less than the required thickness for brick walls as given in Section 234.

Concrete blocks shall be laid in cement mortar and shall be properly bonded. No hollow blocks shall be used in any party or fire wall, provided however, that hollow blocks may be used in a fire wall for a one-story building, except a garage.

No wooden lintel shall be used over any opening.

No wall or any part thereof built of hollow concrete blocks shall be loaded to exceed ten (10) tons to the square foot of horizontal area, including the weight of the wall, and wherever there is a concentrated load of over two (2) tons the blocks must be made solid on each side and below the load, to the satisfaction of the Superintendent of Buildings.

Whenever walls are decreased in thickness, the top course of the thicker wall shall be made solid.

Wooden floor beams shall not enter an eight inch wall, but may be supported upon a continuous corbel or by approved metal hangers. Whenever wooden beams or joist rest on a hollow cement block wall the course directly below shall be solid.

Wooden furring blocks shall not be permitted in any concrete block wall.



## X.

## FIRST CLASS CONSTRUCTION.

## Section 255...Definition.

A building of first class construction shall be constructed of fire resistive material throughout, except as provided below, with floors, walls, partitions and roof constructed with brick, stone, concrete, terra cotta, metal, or other approved incombustible material. No woodwork or other combustible material shall be used, except as provided below. A reinforced concrete building constructed as specified in Part XI shall be classed as first class construction.

## Section 256. General Conditions.

Except as provided herein, all requirements of Part IX, Second Class Construction, which apply, shall be complied with.

## Section 257. Floor Area.

First class buildings hereafter erected over six stories or seventy-five (75) feet in height shall not exceed the number of superficial feet on the ground, or shall be divided by fire walls not to exceed the area as provided in the following table:

	Without Sprinklers	With Sprinklers
Fronting on		
One street.....	10,000 sq. ft.	16,666 sq. ft.
Two streets.....	12,000 sq. ft.	20,000 sq. ft.
Three streets.....	15,000 sq. ft.	25,000 sq. ft.

## Section 258. Height.

No first class building shall be erected to a height exceeding one hundred and twenty-five (125) feet.

## Section 259. Floor Construction.

(a) All requirements of Second Class Construction relating to allowable floor and column loads permissible working stresses and floor construction shall apply to First Class Construction.

(b) There shall be no air spaces between the floor arches or slabs and the finished floors. Under and upper floors with necessary sleepers may be of wood.

(c)

1. Steel joist slabs constructed as herein required, may be used for floor or roof construction in buildings of first class construction, of such occupancy where the specified live load does not exceed one hundred (100) pounds per square foot; provided, however, such construction shall not be used over steam boilers, bakers' ovens, smelting furnaces and other apparatus which generate steam or high temperatures; and further provided, that such

construction shall not be used in buildings where the occupancy is for the storage of inflammable material or other hazardous occupancy.

2. The steel joist shall be made of rolled steel sections with the component parts securely spot or electrically welded together at intervals sufficient to produce a section acting as a unit. The thickness of steel shall in no case be less than seventy-two one thousands (.072) inches. Flange width shall not exceed one-half of depth excepting, that flange of joists five (5) inches or less in depth, may be three-quarters of joist depth.

All joist shall receive at least one coat of high grade steel preservative paint before shipment. All surfaces between the component parts shall be painted. All abrasions shall be repainted.

3. Permissible working stresses used in designing shall be the same as those used under structural steel. Joists shall be designed with a maximum deflection of one three hundred and sixtieth ( $\frac{1}{360}$ ) of the span. Joists shall not be spliced within the unsupported length of the span. All joists shall be bridged at least at six (6) feet centers with wire of not less than fourteen (14) gauge twisted together to give proper tension, or by other approved method.

The maximum spacing of joists shall not be more than thirty (30) inches for roofs and twenty-four (24) inches for floors.

The bearing of joists on masonry walls shall be at least one-half ( $\frac{1}{2}$ ) of the depth of the joists, but in no case less than four (4) inches. The bearing on steel shall be not less than two and one-half ( $2\frac{1}{2}$ ) inches.

4. The slab over the steel joist shall be of concrete mixed one part cement, two parts sand and four parts of gravel or crushed stone the maximum dimension of which shall not exceed three-quarters of an inch. The slab shall be not less than two (2) inches thick, reinforced with metal of approved weight, not less than three (3) pounds per square yard for joists spaced not more than sixteen (16) inches centers; three and one-half ( $3\frac{1}{2}$ ) pounds per square yard for joists spaced not more than nineteen (19) inches centers, and four (4) pounds per square yard for joists spaced not more than twenty-four (24) inches centers.

5. All steel joist construction shall be protected below with a ceiling of approved metal lath, securely fastened to or suspended from the steel joist and plastered at least two coats of cement or gypsum plaster with a minimum thickness of three-quarters ( $\frac{3}{4}$ ) inches.

#### Section 260. Area and Protection of Exterior Wall Openings.

(a) In all buildings except churches, of first class construction, all exterior openings including openings in courts, except openings facing on a street, shall be protected with

approved fire doors or fire windows; provided, however, that ornamental entrance and store doors on the main floor and also plate glass show windows need not be so protected.

(b) All openings less than two feet from the lot line shall have stationary fire windows.

(c) All exterior windows in elevator shaftways shall be protected on the exterior by vertical metal bars not less than five-eighths ( $\frac{5}{8}$ ) inches in diameter, spaced not over nine inches apart and securely fastened to the masonry wall.

#### Section 261. Partitions.

(a) All requirements of Section 244, which apply, shall be complied with.

(b) All partitions in buildings of first class construction shall be constructed entirely of incombustible material; provided, however, that partitions which do not separate independent tenants and do not extend to the ceiling, may be constructed of wood.

#### Section 262. Enclosures of Stairs, Elevators and Other Shaftways.

(a) All requirements of Section 246 which apply, shall be complied with.

(b) In buildings of first class construction all stairs, elevators and shaftways shall be enclosed with incombustible material at least two inches thick; provided, however, that stairways need not be so enclosed in the first story if opening into a public lobby leading direct to exit; and further provided that an elevator within an enclosed stairway shall not be required to be enclosed, but shall be protected by metal grill-work.

(c) All doors leading to fireproof enclosures shall be approved self-closing fire doors.

#### Section 263. Protection of Structural Steel.

(a) All metal structural members, including columns, whether filled or unfilled, which support loads or resist stresses except as otherwise provided in this section, shall be protected against the effect of heat. This protection shall consist of concrete brick, terra cotta or solid gypsum blocks, and shall be not less than two inches thick, except as otherwise provided in this section. The quality of materials used shall be as approved by the Superintendent of Buildings. No pipes, plumbing, wires or other conduits shall be embedded in the required fire-proofing.

(b) When the fireproofing is of concrete, it shall be cast solid of the thickness as required in par. (d) and shall be reinforced and held in position by anchors hooked securely around the steelwork at intervals not exceeding eight inches. Cinders may be used if thoroughly burned and all dust is removed.

(c) All bricks or blocks used for fireproofing shall be properly laid with Portland cement mortar, except that gypsum blocks may be laid with gypsum mortar. All bricks and blocks shall be properly fitted, laid with broken joints, securely anchored and all spaces between the fireproofing and the metal filled solidly with masonry or concrete. Gypsum blocks shall not be used on the outside of wall columns nor in the cellar, basement, or other damp places.

(d) The thickness of fireproofing, except where metal lath and plaster are specially allowed, shall be as follows:

1. Wall columns and interior columns which support masonry walls eight inches or more in thickness four inches; but may be reduced to one inch on the outside if covered with cast iron at least  $\frac{3}{8}$  inches thick or steel at least 3-16 inches thick.

2. Interior columns, except as required above, three inches; except that the extreme outer edges of flanges, lugs, brackets or similar supporting metal may project to within one inch of the outer surface of the protection.

3. Floor and roof girders, and all beams carrying masonry walls, one inch on top, three inches on sides and bottom, except that fire-proofing material need not extend more than one inch beyond the edges of the flanges.

4. Floor and roof beams, except as required in sub. par. 3; one inch on top, two inches on sides and bottom, except that fireproofing material need not extend more than one inch beyond the edges of the flanges.

5. Lintels carrying masonry walls; two inches on all exposed surfaces.

6. Where one inch thickness is allowed, it shall be reinforced with metal lath.

(e) Girders and trusses carrying only roof and ceiling loads and protected by a suspended ceiling of metal lath and approved plaster need not have any other fireproofing.

Girders and trusses carrying only roof loads and with a clear open space at least twelve (12) feet high and also all steel work carrying roof loads only in buildings one story in height need not be fireproofed.

(f) Fireproofing of columns exposed to damage from trucking or otherwise shall be protected with metal or other approved covering at least four feet high and securely fastened.

## PART XI.

### REINFORCED CONCRETE CONSTRUCTION.

#### Section 264. Definition.

The term "reinforced concrete" in this code shall mean



an approved concrete mixture in which steel is embedded in such a manner as to resist the tensile stresses, assist in the resistance to shear and to add rigidity and strength to the concrete in compression.

**Section 265. General Conditions.**

Except as provided within this part, all requirements of Part IX, relating to excavation, foundation, piles, allowable loads, working stresses, etc., which apply, shall be complied with.

All requirements of Part X, which apply, shall be complied with.

**Section 266. Approval of Construction.**

Reinforced concrete which complies with the requirements of this part will be considered as first class construction and will be approved for all types of building construction, provided the design conforms with good engineering practice and the working stresses do not exceed those herein specified.

**Section 267. Construction Plans and Specifications.**

The plans and specifications required to be filed with the Superintendent of Buildings shall be accompanied by stress computations and details showing the arrangement of the entire construction in all important details, including the size, length and points of bending of all reinforcement, the qualities, proportions and methods of mixing the materials used in the concrete and the dead and live loads each floor is designed to carry.

All such plans and specifications shall be signed by the architect or engineer who prepared them. In no case shall the construction deviate from the approved plans and specifications except by written consent of the Superintendent of Buildings.

The approval of plans and specifications by the Superintendent of Buildings shall not relieve the engineer or contractor of responsibility.

**Section 268. Inspection.**

The Superintendent of Buildings may require an applicant for a permit for the structural use of concrete, whether reinforced or not, to have an inspector, satisfactory to the Superintendent of Buildings, at all times on the work while concrete is being mixed or deposited and such inspector shall make daily reports to the Superintendent of Buildings on the progress of the work.

The services of such inspector shall be paid for by the owner.

## Section 269. Allowable Unit Working Stresses.

(a) Tests to determine the ultimate compressive strength of any concrete proposed for use may be required by the Superintendent of Buildings. Such tests shall be made under laboratory conditions by casting test cylinders eight inches in diameter and sixteen inches long and tested in compression at an age of twenty-eight days. Tests shall be paid for by the applicant for the permit or his agent.

Concrete which does not show a strength at least equal to that given in the table in par. (b) shall not be used.

(b) If no tests are made the following table gives the ultimate compressive strength in pounds per square inch which shall be assumed as the basis for design, a bag of cement weighing ninety-four (94) pounds being assumed to measure one cubic foot in proportioning material, and the fine and coarse aggregate shall be measured separately.

	Proportions		
Aggregate	1:1:2	1:1½:3	1:2:4
Crushed Stone	3,300	2,800	2,200
Gravel	3,000	2,500	2,000
Cinders or Slag	1,500	1,250	1,000

(c) In the design of reinforced concrete structures, using concrete mixed in the proportions of 1:2:4 and having an ultimate compressive strength of 2,000 pounds per square inch, the following allowable unit working stresses shall not be exceeded:

Extreme fibre stress in concrete in compression,	750 lbs. per sq. inch
Extreme fibre stress in concrete adjacent to supports in continuous beams,	820 lbs. per sq. inch
Direct compression on plain concrete,	500 lbs. per sq. inch
Direct compression on columns in concrete alone.	500 lbs. per sq. inch
Bond stress between concrete and plain reinforcing bars,	80 lbs. per sq. inch
Bond stress between concrete and deformed bars	100 lbs. per sq. inch
Maximum shearing stress in concrete alone when diagonal tension is not resisted by steel,	40 lbs. per sq. inch
Maximum shearing stress where web steel is adequately anchored and adequate mechanical anchorage of longitudinal steel is provided.	240 lbs. per sq. inch



Maximum shearing stress where web steel is adequately anchored but adequate mechanical anchorage of longitudinal steel is not provided,	120 lbs. per sq. inch
Punching shear in concrete where the depth to reinforcing steel is less than one-fifteenth of the span in beams and slabs, or less than one-third of the overhang of cantilevers and footings,	120 lbs. per sq. inch
Where the depth is greater than these limits, the punching shear may be	200 lbs. per sq. inch
Vertical shear on periphery of drop panel of flat-slab floor, measured on depth,	60 lbs. per sq. inch
Steel, structural grade, in tension	16,000 lbs. per sq. inch
Steel, high carbon, in tension	18,000 lbs. per sq. inch
Steel, medium cold twisted, in tension,	18,000 lbs. per sq. inch
Steel, to resist diagonal tensile stress,	10,000 lbs. per sq. inch

(d) Concrete mixtures which develop an average crushing strength greater than 2000 lbs. per square inch, 28 days after mixing, shall be allowed a proportional increase in unit working stresses in the concrete and in the bond between concrete and steel as specified in the tables in par. (c). If the average strength is less than 2000 lbs per square inch, a proportional reduction must be made.

#### Section 270. General Assumptions.

As a basis for calculating the strength of beams and slabs, the following assumptions shall be used:

(a) A plane section before bending remains plane after bending.

(b) The modulus of elasticity of concrete in compression remains constant within limits of working stresses fixed in this part.

(c) The adhesion between concrete and reinforcement is perfect.

(d) Concrete has no value in resistance to tension.

(e) Initial stress in the reinforcement due to contraction or expansion in the concrete is negligible.

(f) The ratio of the moduli of elasticity of 1:2:4 stone or gravel concrete and steel inflexure shall be taken at 1:15.

(g) The ratio of the moduli of elasticity of 1:1½:3 stone or gravel concrete and steel inflexure shall be taken as 1:12.

(h) The modulus of elasticity for concrete shall be taken as follows:

1,000,000 for concrete having a crushing strength of 1,000 pounds per square inch or less;

2,000,000 for concrete having a crushing strength of 2,000 to 2,200 pounds;

2,500,000 for concrete having a crushing strength greater than 2,200 and less than 2,900 pounds.

3,000,000 for concrete having a crushing strength greater than 2,900 pounds.

The modulus of elasticity of steel reinforcement shall be taken at 30,000,000.

#### Section 271. Bending moments of Slabs and Beams.

(a) Bending moments for uniformly distributed dead and live loads, in beams and slabs reinforced in one direction only shall be computed upon the following assumptions, where "w" is the total dead and live load per linear foot, and "l" is the length of span:

for a single span freely supported, bending at mid-span is

$$\frac{wl^2}{8}$$

for a single span restrained at the ends bending at mid-span is

$$\frac{wl^2}{12}$$

for to equal continuous spans freely supported, the bending at mid-span is

$$\frac{wl^2}{10}$$

and at central support is

$$\frac{wl^2}{8}$$

for two equal continuous spans freely supported, the bending at mid-span is

$$\frac{wl^2}{12}$$

and at central support is

$$\frac{wl^2}{10}$$

for three or more equal continuous spans freely supported, the bending at mid-span of the end span, and at the first interior support is

$$\frac{wl^2}{10}$$

and the bending at midspan of interior spans and at other interior supports is

$$\frac{wl^2}{12}$$

for three or more equal continuous spans restrained at supports, the bending at the first interior support for beams is

$$\frac{wl^2}{10}$$

and for the slabs is

$$\frac{wl^2}{12}$$

and the bending at all other interior supports and at mid-span of all spans is

$$\frac{wl^2}{12}$$

at the restrained ends of continuous beams a negative bending of

$$\frac{wl^2}{16}$$

shall be generally assumed, but this shall be increased to not more than

$$\frac{wl^2}{12}$$

for small beams running into large columns. Beams and slabs shall be considered as restrained at the ends when they frame monolithically into a structure sufficiently stiff and strong to introduce a negative bending moment into the beam at the end in amount not less than

$$\frac{wl^2}{16}$$

(b) for continuous beams subject to other than uniformly distributed loads, the positive bending moment shall first be computed as though the beam were freely supported. The positive moment may then be reduced in the same proportion as specified above for beams loaded uniformly and provision shall be made at the restrained ends for negative moments having the same ratio to the positive moment first computed that the negative moments specified above bear to

$$\frac{wl^2}{8}$$

(c) Beams parallel to the main reinforcement of a one-way slab and into which no other beams frame and which are restrained at the ends by being built monolithically into supporting columns shall be designed for negative bending moments at the ends equal to

$$\frac{wl^2}{12}$$

and at mid-span as follows:

When the width of columns parallel to the axis of the beam is not less than fifteen (15) per cent. of the distance center to center of columns, or twice the depth of the beam

$$\frac{m = wl^2}{20}$$

otherwise

$$\frac{m = wl^2}{16}$$

(d) For slabs supported on four sides and reinforced in both directions the distribution of loads shall be determined by the formula

$$r = \frac{i}{b} - 0.5$$

where

b is the breadth of slab

l is the length of slab

r is the proportion of load carried by the transverse reinforcement.

In placing reinforcement in such slabs account shall be taken of the fact that the bending moment is greater near the center of the slab than near the edges, and two-thirds of the calculated moments shall be assumed as carried by the center half of the slab and one-third by the outside quarters.

(e) Beams supporting rectangular slabs reinforced in both directions shall be assumed to take proportions of load as determined by the formula in this section, the distribution of the load being assumed to vary in accordance with the ordinates of a parabola having its vertex at mid-span.

#### Section 272. Design for Slabs, Beams and Girders.

(a) All reinforced concrete work shall be designed in accordance with the requirements of this code and if not specifically specified shall be in accordance with standard engineering practice.

(b) For spans of unusual or unequal length and other special cases the design shall be such as to carry out the intent of this part to the satisfaction of the Superintendent of Buildings.

(c) Openings in floors or roofs shall be so framed as not to exceed the allowable stresses.

(d) In roof slabs the total depth shall not be less than three (3) inches and in floor slabs four (4) inches.

(e) Cinder concrete slabs shall not be less than four (4) inches thick, and the span shall not exceed eight (8) feet.

(f) Reinforcing materials which are self-centering shall not be used in spans to exceed (8) feet. The underside of self-centering reinforcement shall be plastered with two coats of Portland cement plaster at least three quarters ( $\frac{3}{4}$ ) of an inch thick. Such plaster shall not be considered as a part of the thickness of the slab.

(g) If a beam or slab is assumed as fixed or partially restrained at a support, the column, wall or other support furnishing such restraint shall be proportioned to resist the stresses thereby induced.

(h) The span length for beams and slabs simply supported shall be taken as the distance from center to center of supports, but need not be taken to exceed the clear span plus the depth of beam or slab. For continuous or restrained beams, or slabs built monolithically into supports, the span length may be taken as the clear distance between faces of supports. Brackets shall not be considered as reducing the clear span in the same sense here intended, except that when brackets which make an angle of forty-five degrees or more with the axis of a restrained beam or the plane of a slab are built monolithically therewith, the span may be measured from the section where the total depth is at least one-third more than the depth at the edge of the bracket. Maximum negative moments are to be considered as existing at the end of the span as here defined.

(i) Concrete floors with permanent blocks or forms of incombustible materials, with ribs of reinforced concrete between, shall conform to the requirements of this part as far as they are applicable, but the blocks or forms shall not be assumed as taking stress. If a slab not less than two inches thick above the blocks or forms is cast monolithic with the rib, the rib and slab may be considered as a "T" section. In "T" beams the depth below the slab shall not exceed eight (8) times the thickness of the slab adjacent to the stem. If such construction forms a flush ceiling, or if a plastered ceiling on metal lath is suspended below the ribs, the fireproofing for such construction shall be that required for slabs.

(j) In calculation of beams in which the maximum shearing stress in a section is used as a means of measuring the resistance to diagonal tension stress, the vertical shearing unit stress as computed by the formula

$$V = \frac{v}{b \cdot jd}$$

where V is the shearing unit stress, v is the total shear, b is the breadth of the beam, and jd is the arm of the resisting



couple, shall not exceed the following percentages of the respective compressive strengths fixed by this part.

For beams with horizontal bars only, and without web reinforcement, two per cent.

For beams with web reinforcement, consisting of vertical stirrups looped about the longitudinal reinforcing bars in the tension side of the beam, suitably anchored in the compression side and spaced horizontally not more than one-half the depth of the beam; or for beams in which longitudinal bars are bent up at an angle of not more than forty-five (45) degrees, nor less than twenty degrees, with the axis of the beam and the points of bending are spaced horizontally not more than three-fourths ( $\frac{3}{4}$ ) of the depth of the beam apart, or both, the web reinforcement being designed in each case, to carry two-thirds ( $\frac{2}{3}$ ) of the total shear, six per cent.

(k) Adequate mechanical anchorage of longitudinal steel shall be obtained by carrying the reinforcement a sufficient distance beyond the point of inflection to develop its full working strength at the point of inflection, or by bending the end of the bars over the support to a half circle having a diameter not less than eight (8) times the thickness of the bar, or by any device that will safely transmit the tension on the bar to the concrete over the support.

(1) If required as web reinforcement, vertical stirrups shall be spaced not farther apart than one-half ( $\frac{1}{2}$ ) the total depth of beam, and inclined stirrups not farther apart than three-fourths ( $\frac{3}{4}$ ) the total depth of beam. At points of positive moment they shall pass under the main reinforcing bars, if unattached. For negative moments they shall loop over or be wrapped around the longitudinal rods, if unattached. If the stirrups are attached, the connection shall be sufficient to develop the allowable stress in the stirrups without causing slipping along the main bars.

(m) 1. Flat slab construction shall consist of reinforced concrete slabs supported directly on reinforced concrete columns or concrete encased steel columns, with capitals and with or without drop panels.

2. The column capital shall be the place at the top of the column.

3. The drop panel shall be the thickening of the concrete slab around the column capital. The width of the dropped panel in any direction shall be not less than three halves of the width of the column capital. The depth of the dropped panel below the bottom of the slab shall not be more than half the slab thickness, but shall be such that the allowable unit stresses shall not be exceeded either in shear about the column capital or in bending. The allowable unit shear shall not exceed the amount as specified in par. (c), Section 269. The allowable compression in bending shall be that specified for extreme fibers adjacent to supports in continuous beams.



4. In flat slab construction, the minimum thickness of slab shall be not less than six (6) inches, nor less than one-thirty-second (1-32) of the panel length for floors, nor less than one-fortieth (1-40) of the panel length for roofs; the panel length being the distance from center to center of the columns measured in the longer direction. The thickness shall be such as not to exceed the allowable unit stresses as specified herein.

5. For the purpose of determining the bending moments in flat slab floors, the slab shall be considered as divided into strips known as A-strips and B-strips. A-strips shall include the reinforcement and slab in a width extending from the center line of the columns for a distance each side of this center line to one-quarter of the panel length. B strip shall include the reinforcement and slab in the half width remaining in the center of the panel. At right angles to these strips the panel shall be divided into similar strips A and B, having the same width and relations to the center lines of the columns as the above strips.

The span length of the strips shall be taken as the distance center to center of columns less two thirds ( $\frac{2}{3}$ ) the width of the column capital measured in the direction of the span.

6. Provision shall be made in the A and B strips comprising any panel width for the whole pending moment specified, and the proportion of the whole provided for within each strip shall not be less than that given in the following table:

	A- Strip	B- Strip	Either Strip
Positive moment, dropped panel . . . . .	60%	25%	15%
Positive moment, no dropped panel . . . . .	55%	25%	20%
Negative moment, dropped panel . . . . .	80%	15%	5%
Negative moment, no dropped panel . . . . .	65%	20%	15%

7. In the following formulas

m=Bending Moment

w=Total load per square foot

l=Distance center to center of columns

i =  $1 - \frac{1}{3}c$ , where c = diameter of column capital.

8. For Interior Bays, whether the panels be square or oblong, and in whichever direction the span be taken, the bending moments at the critical portions of the bay shall be assumed as follows:

Positive Bending; for a whole panel width shall be taken as

$$m = wli^2$$

25

Negative Bending; for a panel width shall be taken as

$$m = wli^2$$

15

## 9. Wall Bays; Restraint:

For wall bays when the wall is of reinforced concrete, (in which case  $i$  is the distance from the inside face of the exterior column or wall to the center of the interior column, less one-third the width of the interior column capital) the bending moment for strips running perpendicular to the wall shall be as follows:

Positive Bending; for a panel width shall be taken as

$$m = \frac{wli^2}{20}$$

Negative Bending; for a panel width at the interior line of columns shall be taken as

$$m = \frac{wli^2}{12.5}$$

The negative bending moment for a panel width at the wall shall in general be taken as

$$m = \frac{wli^2}{30}$$

This may be increased, according to degree of restraint, up to

$$m = \frac{wli^2}{15}$$

for complete restraint: provided, however, in case the co-efficient for negative bending at the wall is increased, the other two bending moment co-efficients may be correspondingly decreased.

## 10. Wall Bays; No Restraint:

For wall bays supported on one edge upon brick walls or other construction incapable of providing adequate restraint in negative bending;  $i$  is the distance from inner face of wall to center of interior column, less one-third the width of the interior column capital.

Positive Bending; for a panel width shall be taken as

$$m = \frac{wli^2}{16}$$

Negative Bending; for a panel width at the interior column line shall be taken as

$$\frac{wli^2}{10}$$

Negative bending along such walls shall be provided for by reinforcement in the top of the slab at right angles with the wall equal to four-tenths per cent in floors and to two-tenths per cent in roofs of the area of cross section of the slab.

11. Bays discontinuous upon one or two adjacent sides shall be treated as wall bays.

12. When a flat slab is supported by a beam or wall on one or two sides, the half strip parallel with and adjacent to the beam or wall may be reinforced as half of a B-strip.

#### Section 273. Bending Moments and Design of Columns.

(a) Columns or piers of concrete shall be reinforced when the unsupported height exceeds six (6) times the least gross dimension, and no reinforced concrete column shall have an unsupported height of more than twelve (12) times its least gross dimension except with stresses reduced from those allowed by this part in accordance with the following ratio:

$$24 - \frac{h}{d}$$


---


$$12$$

where h is unsupported height and d is least dimension;

$$\frac{h}{d}$$

shall not in any case exceed ... .. eighteen (18).

The maximum effective area of columns shall be taken as the area within the outer one and one-half (1½) inches of concrete covering, or in the case of hooped columns or columns reinforced with structural shapes, it shall be taken as the area within the circle enclosing the spiral or the polygon enclosing the structural shapes. Longitudinal reinforcement shall be assumed to carry stress in proportion to the respective moduli of elasticity as given in this part.

(b) Exterior columns and their reinforcement shall be so proportioned as to withstand bending in addition to the direct load not exceeding the fiber stresses as specified for beams.

(c) Reinforced concrete buildings may be supported by structural steel or cast iron columns, and shall be fireproofed as required in First Class Construction. If of steel or cast iron, brackets shall be provided to transmit the load from the floors to the column. Such columns shall be computed as follows:

1. If the brackets are placed immediately below the floor the structural steel or cast iron columns shall be assumed to carry the load of all the floors above.

2. If the brackets are placed immediately above a floor the structural steel or cast iron columns shall be assumed to carry all the load above the brackets and the floor or floors below the brackets shall be carried on reinforced concrete encasing the metal, designed in accordance with the requirements of this part, to the next bracket below or to the foun-

dation. In this case, however, the surrounding concrete shall be so separated from the steel or cast iron as to permit the separate action of both.

(d) Circular hollow steel or wrought iron columns filled with concrete shall be allowed to carry a load equal to the capacity of the metal casing plus the capacity of the concrete filling. The allowable unit stresses shall not be exceeded. Such columns shall be fireproofed as required in First Class Construction.

(e) Columns with longitudinal reinforcement only shall have a steel area of not less than one per cent and not more than four per cent. of the required effective area. Longitudinal reinforcement bars shall be straight and shall be secured against lateral displacement by steel ties not less than one-fourth ( $\frac{1}{4}$ ) of an inch diameter and placed not farther apart than sixteen (16) diameters of the bars, nor more than twelve (12) inches.

(f) Columns which have longitudinal reinforcement to an amount not less than one per cent, and not more than four per cent. of the effective area, and which also have hoops or spirals to an amount not less than one per cent. of the volume of the enclosed core, spaced not farther apart in the clear than one-sixth ( $\frac{1}{6}$ ) of the diameter of the enclosed core, and in no case more than two and one-half ( $2\frac{1}{2}$ ) inches, shall be allowed the stresses given in this part: provided, however, that no such column shall have a height greater than ten (10) diameters of the enclosed core. The ends of hoops or spirals shall be united in such a way as to develop their full strength. The hoops or spirals shall be securely fastened to the longitudinal reinforcement. The pitch of the spiral shall be maintained uniform by not less than two (2) mechanical spaces, and the clear spacing shall be not less than one and one-half ( $1\frac{1}{2}$ ) inches nor greater than three (3) inches. Spirals eighteen (18) inches or more in diameter shall have three (3) mechanical spacers. The spirals shall be maintained straight and well centered.

(g) All column bars shall be spliced in such a manner as to transmit the stresses for which they are designed.

(h) Columns may be provided with enlarged capitals. The horizontal width of capitals shall be taken where the vertical thickness is at least one and one-half ( $1\frac{1}{2}$ ) inches, and the contour of capitals shall not fall within that of an inverted cone or pyramid whose apex is on the center line of the column, whose sides incline at forty-five (45) degrees with the vertical, and whose base lies in a plane one and one-half ( $1\frac{1}{2}$ ) inches below the underside of the dropped panel, and if no dropped panel is used, below the underside of the slab and has the same size and shape in plan as the capital. The width of capital in any direction shall not be less than one-fifth (1-5) the distance, center to center, of columns in that direction, and shall be such that the allowable unit stresses shall not be exceeded.



**Section 274. Columns Eccentrically Loaded.**

Bending stresses in columns due to eccentric loads, shall be provided for by increasing the section of concrete or steel so that the total unit stress shall not exceed the allowable working stress in flexure.

**Section 275. Walls.**

(a) Exterior and interior bearing walls of reinforced concrete shall be securely anchored to all intersecting walls, columns and floors.

(b) The thickness of such bearing walls shall be not less than two-thirds that specified for brick walls in Section 237 and in no case less than eight (8) inches.

(c) Such walls shall be reinforced with steel running both horizontally and vertically. The amount of reinforcement shall be not less than 1-5 of one percent of the cross-section of the wall. Reinforcement shall not be spaced more than eighteen (18) inches apart and shall be wired at intersections. Additional reinforcement shall be placed around wall openings and at places where concentrated loads occur.

(d) Non-bearing curtain walls shall not be less than four (4) inches thick, and shall have vertical and horizontal reinforcement spaced not exceeding one (1) foot between centers, and fastened to each other at each intersection. All curtain walls shall be securely connected to contiguous construction.

**Section 276. Non-Bearing Partitions.**

Interior non-bearing partition walls shall be not less than two (2) inches thick, and shall be properly reinforced.

**Section 277. Centering and Forms.**

(a) All forms shall be built in a substantial manner, properly supported and braced so that they will carry all the imposed load without excessive deflection or vibration.

(b) The forms shall be sufficiently tight to prevent any considerable loss of material in the pouring.

(c) Forms shall be so constructed that the concrete can be properly rammed in place without segregation.

(d) Cleanout holes shall be provided at the bottom of all column forms to insure the removal of wood chips or other debris.

(e) Beam forms shall be so designed that at least one side may be removed for inspection without disturbing the bottom portion of the forms and its supports.

(f) Column forms shall be so designed that they may be removed without disturbing the beam and slab forms.

**Section 278. Quality of Reinforcement.**

(a) All steel used in reinforced concrete shall meet the requirements of the Standard Specifications for Steel Reinforcement Bars of the American Society for Testing Materials, as revised from time to time.

(b) All steel shall be free from mill scale, loose rust, grease or dirt, and shall not be coated in any manner which would weaken the bond.

(c) No reinforcement produced from re-rolled rails or second hand materials shall be used without the written permission of the Superintendent of Buildings.

(d) The Superintendent of Buildings may require the owner or his agent to make tests of the material proposed to be used. Such tests shall be made at an approved testing laboratory and certified copies of all such tests shall be filed with the Superintendent.

**Section 279. Placing of Reinforcement.**

(a) All reinforcement shall be accurately located and mechanically secured against displacement during the placing of the concrete.

(b) All reinforcement shall be assembled well in advance of the placing of the concrete, to allow for proper inspection.

(c) All reinforcement shall be located and spaced according to the plans and designs as approved by the Superintendent of Buildings.

(d) All reinforcement shall be placed so as to have a minimum protection of concrete on all sides as follows: In columns and girders, two (2) inches; in beams and walls, one and one-half ( $1\frac{1}{2}$ ) inches; and in floor slabs, one (1) inch; foundation and retaining walls, three (3) inches.

**Section 280. Quality of Concrete.**

(a) The concrete for reinforced concrete construction shall consist of a mixture of one part of Portland cement to not more than six parts of stone or gravel, with the aggregate proportioned so as to produce a mixture of a maximum density. The cement shall meet the requirements of the Standard Test Specifications of the American Society for Testing Ma-



terials as revised from time to time. The aggregate shall be clean and carefully proportioned, and material known as "run of bank" shall not be used in structural concrete without screening nor without measuring the sand and aggregate separately.

Cinders composed of hard, well burned, vitreous clinker, free from sulphides, fine ashes and foreign matter, except gas-house or locomotive cinders, may be used for fireproofing, for floor and roof slabs where the span does not exceed eight feet and for interior non-bearing walls or partitions.

(b) All concrete for reinforced concrete construction must be thoroughly mixed in a batch machine mixer of a type which mixes one complete batch at a time and entirely discharges it before another batch is introduced. The mixing shall continue for at least one minute after all the materials are placed in the mixer or until the cement is thoroughly distributed and the mass is uniform in color. Special permission may be given by the Superintendent of Buildings for the mixing of small quantities of concrete by hand. When mixed by hand, the cement and sand shall first be mixed dry, turned at least three (3) times, to a uniform color, the coarse aggregate then being added and mixed to a uniform color, the water then gradually added and turned at least three times, or until the mass has attained a uniform consistency.

(c) In all cases the consistency shall be such that the concrete will flow sluggishly into the forms and entirely enclose the reinforcement. No concrete shall be mixed in the dark.

#### Section 281 Placing Concrete.

(a) Before placing concrete all forms shall be thoroughly cleaned out.

(b) When concrete is conveyed or transported by any means from the mixer to the forms, suitable precautions must be taken to prevent segregation of the coarse and fine materials, or provision made to remix them before placing the concrete in the forms.

(c) Concrete shall be placed immediately after mixing, it shall not be remixed or placed in the work after it has begun to harden, and it shall be deposited in such manner and under such regulations as to secure a compact mass of the best quality for the proportions used.

(d) Proper precautions shall be taken in suspending the placing of concrete to stop it at the points of low shear. Columns shall be cast without joints. In members of floor systems, joints shall be made within the middle of the span, where practicable. Joints shall be made at right angles to the direction of principal compressive stress and grooves for joining future work shall be made before the concrete sets. Be-

fore depositing new concrete upon concrete already set, the contact surfaces shall be roughened, thoroughly cleaned, drenched with water and slushed with a cement grout immediately before placing the fresh concrete.

(e) Columns and walls shall be poured not less than three (3) hours in advance of the beams, girders, or slabs which they support. Structural slabs shall be poured the full thickness at time of pouring floor.

(f) When fresh concrete is exposed to rapid drying conditions, special precautions shall be taken to keep it moist for a period of at least seven (7) days after being deposited.

(g) Concrete shall not be deposited when the temperature is below thirty-two degrees Fahrenheit, unless adequate precautions are taken to prevent freezing. In freezing weather, all materials shall be heated and the concrete shall be properly covered.

#### Section 282. Removal of Forms.

(a) Forms shall remain until the concrete has hardened sufficiently to carry its load safely, and shall be removed without damage or jar to the concrete.

The time which shall elapse before removing forms varies with the design of the structure and with the condition of the weather.

(b) In no case shall forms be removed in less than fourteen (14) days after pouring, provided that the beams and girders carry their own weight only. Where beams and girders carry construction loads, sufficient shoring shall be left in place to carry these loads until the completion of the work.

(c) If a slab is properly reshored, the centering may be removed in seven (7) days after the placing of the concrete. Either the shoring or reshoring shall remain in place not less than twenty-one (21) days after the concrete is placed.

(d) Provided ample shores are used to carry the full weight of the floors, column forms and sides of beams and girders may be removed in not less than three (3) days after concrete is placed.

(e) All forms under concrete placed in freezing weather shall remain until all evidences of frost are removed from the concrete and the natural hardening of the concrete has proceeded to the point of safety.

#### Section 283. Tests.

(a) The owner or his agent shall provide for and have made such tests as the Superintendent of Buildings may require.

(b) The Superintendent of Buildings may require a load test equal to three (3) times the figured live load to such parts as he may select. The floor shall sustain this load for at least twenty-four (24) hours without cracking or dangerous deflection or other sign of weakness or failure.

## PART XII.

### MILL CONSTRUCTION.

For definition, see Section 192.

#### Section 284. General Conditions.

Except as provided herein, all requirements of Part IX, Second Class Construction, which apply, relating to Excavation, Foundation, Allowable Floor Loads, Permissible Working Stresses, Placards for Floors, Thickness of Walls, Stairs, Enclosures of Stairs, Elevators, etc., shall be complied with.

#### Section 286. Height.

(a) No building of Mill Construction shall hereafter be erected to a height exceeding four (4) stories or fifty-five (55) feet unless equipped with an approved sprinkler system and if so equipped shall not exceed six (6) stories or seventy-five (75) feet, except that water tanks, pent houses or skylights shall not be limited in height by these requirements.

#### Section 287. Floor Construction.

(a) All requirements of Section 230 which apply shall be complied with.

(b) All floors shall be constructed of steel beams or solid wood timbers, the size and spacing of which shall be suitable for the load to be carried. The size of timbers shall be not less than seven and one-half inches in the least dimensions.

(c) All beams shall have a full bearing on girders, stirrups, iron or steel plates in the walls, or on iron or steel column caps.

(d) All beams resting on masonry walls shall be anchored to same, and all wooden beams shall be anchored and arranged to be self-releasing. All beams, if but jointed over supports, shall be dogged or strapped together.

(e) All floor planking shall be solid, not less than two and three-quarters inches thick, splined or tongued and grooved, and covered with a top flooring not less than thirteen-sixteenths of an inch in thickness, and laid crosswise or diagonal, and all to be properly nailed.

#### Section 288. Columns.

(a) All requirements of Sections 231 and 232 shall be complied with.

(b) No wooden column or post shall be less than six and one-half inches in the least dimension.

(c) All wooden columns or posts shall have full bearing on iron base plates or pintles, and shall be provided with iron cap plates.

**Section 289. Protection of Wall Openings.**

(a) All exterior openings within ten (10) feet from the lot line and within ten (10) feet from another building on the same lot, in all buildings of this class within the fire limits and in all buildings over two (2) stories or thirty (30) feet high without the fire limits shall have approved fire doors or fire windows.

(b) All exterior openings, both within and without the fire limits, less than four (4) feet from the lot line shall have approved auto-closing fire doors or auto-closing or stationary fire windows.

(c) All exterior openings, both within and without the fire limits, within a court, the less dimension of which is less than twenty (20) feet, shall have approved fire doors or fire windows; and further provided, that if the less dimension is less than eight feet, all fire doors and windows shall be auto-closing.

(d) All exterior openings in side walls of buildings for a distance of at least ten (10) feet each side of a fire wall, shall have approved fire doors or fire windows.

Where main sections are separated by fire walls and adjoin so as to form an angle, all openings in side walls for a distance of not less than thirty (30) feet from the angle, shall have approved fire doors or fire windows.

(e) When buildings of different heights adjoin, all openings of the higher section above the roof of the lower section shall have approved fire doors or fire windows.

(f) All exterior openings located vertically above one another which are not protected by approved fire doors or fire windows shall have not less than three (3) feet of solid masonry between the top of any opening and the bottom of the one next above, and no such opening shall be made within one foot of the ceiling of the story in which it is located, provided, however, that part of such masonry below the ceiling may be replaced by stationary fire windows.

(g) Pars. (i), (j) and (l), Section 238, shall apply to this class of construction.

**Section 290. Stairs and Enclosures.**

(a) All requirements of Section 245 which apply shall be complied with.

(b) Stairways shall be enclosed with masonry walls of thickness as required in Section 234, with all openings protected by approved automatic self-closing fire doors or approved stationary fire windows; provided, however, that in



buildings not more than two stories in height such partitions, other than bearing or basement partitions, may be of metal stud with metal lath and cement plaster, gypsum blocks or terra cotta tile plastered both sides with cement or gypsum plaster.

**Section 291. Roof Construction.**

(a) All roofs of mill construction shall be of plank and solid timber or steel with plank not less than one and three-quarters ( $1\frac{3}{4}$ ) inch thick, splined or matched and with timber not less than five and three-quarters ( $5\frac{3}{4}$ ) inches in the least dimension.

**Section 292. Cornices.**

(a) Within the fire limits, the cornices or gutters of all buildings of mill construction which are less than ten (10) feet from the street or lot line or less than twenty (20) feet from another building shall be of incombustible material and properly anchored to the masonry walls.

(b) Within the fire limits, when buildings of different heights adjoin, the cornice of the higher section shall be of incombustible material and properly anchored to the masonry walls.

**Section 293. Protection of Structural Steel.**

(a) All requirements of Pars. (a) and (b) only of Section 247 shall be complied with.

**PART XIII**

**MISCELLANEOUS.**

**Section 294.** Signs of wood over two feet high shall not be placed on any building, nor erected above the front wall or cornice or roof of any building, unless a permit be obtained from the superintendent. Sky signs, or any device in the nature of an advertisement, announcement or direction, constructed of sheet metal or wire fastened to wooden frames supported upon or above or attached to any building shall be deemed to be wooden signs. If such sky signs shall exceed two feet in height they shall be constructed entirely of metal, including the uprights, supports and braces for same, and shall not be more than seven feet in height above the front wall or cornice or roof of the building or structure to which they are attached or by which they are supported, and permit must be obtained from the superintendent therefor before erection. All signs shall be so constructed, placed and supported as not to be or become dangerous. This section shall not apply to signs constructed and in place before the passage of this ordinance.

Note. For signs, marquees, etc., to project over sidewalks, see Street Ordinances.

**Section 295. Gas Piping.**

(a) Gas pipes in any building or structure shall be installed in accordance with the rules and regulations pres-

cribed by the company or companies furnishing gas, and such rules and regulations are hereby made a part of the requirements of this chapter. All gas pipes shall be inspected and tested by the gas company before the floors are laid, and a certificate of the same from the gas company shall be placed on file in the building department by the owner of the building or his representative. The method of installation of the gas pipes shall be subject to the approval of the superintendent.

(b) The burners of all gas fixtures shall be at least three feet below any ceiling or woodwork, unless the same is properly protected by a shield, in which case the distance shall be not less than eighteen inches. No gas bracket on any lath and plaster partition or woodwork shall be less than five inches in length, measured from the burner to the plaster surface or woodwork.

#### **Section 296. Demolition of Buildings.**

(a) A permit shall be obtained from the Superintendent of Buildings to demolish a building.

(b) In demolishing any building, story after story, commencing with the top story shall be completely removed. No material shall be allowed to remain upon the floor of any such building, but the brick, timbers and other structural part of each story shall be lowered to the ground upon displacement. If the building to be demolished is within fifty feet of a public street, or within one hundred feet of any other building, the material to be removed shall be properly wet down to lay the dust incident to its removal. The owner, architect, builder or contractor for any building, structure, wall platform or flooring to be demolished shall give not less than twenty-four hours notice to the superintendent of such intended demolition.

#### **Section 297. Temporary Buildings.**

Temporary buildings may be erected for the use of builders within the limits of lots whereon buildings are in course of erection, or on adjoining vacant lots, and other temporary structures including platforms, stands, election booths and tents may be erected upon permits issued by the superintendent and may be maintained for the period of time stated on the permit. No observation stand shall be constructed or maintained except in accordance with plans approved by the superintendent.

#### **Section 298. Grandstands.**

(a) All permanent grandstands shall be constructed of First Class Construction or Reinforced Concrete Construction; provided, however, that outside of the fire limits a grandstand not over fifteen (15) feet above the ground and not less than thirty (30) feet from any building may be constructed of Frame Construction, with a masonry foundation.

(b) Temporary grandstands may be erected for a



limited time. Their construction shall be approved by the Superintendent of Buildings and the permit shall state the length of time of use and the further length of time allowed for removal.

**Section 300. Shelter Over Sidewalk.**

(a) Whenever buildings shall be erected or whenever a building is to be altered or demolished upon or along any street, the owner or contractor constructing or altering or repairing such buildings, shall if in the judgement of the superintendent, the safety of the public requires it, erect and maintain during such construction, alterations or repairs, a shed over such part of the sidewalk as it is open to public use in front of said premises, the same to be properly, strongly, and tightly constructed, so as to protect pedestrians and others using such street.

(b) A permit for such obstruction shall be obtained from the Board of Aldermen and a plan shall be submitted to the Superintendent of Buildings for approval.

**Section 301. Change of Street Line or Grade.**

If any building shall have been built before the street upon which it is located has been graded, or if the grade is thereafter altered, or the street is relocated or widened, the superintendent shall permit such building to be raised, lowered or moved to meet the requirements of such grade, relocation or widening, provided other provisions of this chapter are not thereby violated.

**Section 302. Smoke Houses.**

Smoke houses shall be constructed throughout of combustible materials, and shall be provided with ventilators at or near the top, and with guards not less than four feet above the fire bed, sufficient to prevent meats from falling into the fire.

**PART XIV.**

**GARAGE REGULATIONS.**

**Section 303. Petition of Mayor and Aldermen.**

(a) No building shall be erected, altered or converted for use as a garage or filling station within the limits of the City of New Bedford until a petition, signed by the owner thereof, or his agent, has been granted and approved by the Board of Aldermen and a permit therefor has been issued by the City Clerk; and such grant and approval shall be subject to compliance by the owner thereof, or his agent, with all the requirements of the building laws and ordinances of the city. The said petition shall be filed in the office of the Superintendent of Buildings.

**Section 304. Plot Plan.**

(a) The Building Department shall prepare a plan drawn to scale, showing the ground, size and shape of the

building, the location of the building with relation to the street, its location upon the lot on which it is now located or is to be built, the structures on this and the several adjoining lots, and the names of the owners of all the several lots of land included in the plan.

(b) The building shall be located exactly as shown on the plan, or as finally approved by the Board of Aldermen. The plan must be kept on the job until the work is completed.

(c) The owner, or his agent, shall notify the office of the Superintendent of Buildings when ready to commence the work and the Superintendent shall check the location as finally approved by the Board of Aldermen.

#### Section 305. Fees.

A fee of five dollars for a garage of four cars or less, and a fee of ten dollars for a garage for more than four cars of a filling station shall be charged, to cover the cost of preparing plans, inspection and clerical service, and said fee shall be turned into the city treasury at the time of filing the petition.

#### Section 306. Investigation and Report.

(a) The Superintendent of Buildings and the Chief of the Fire Department shall investigate and report, in writing, to the Mayor and Aldermen, whether or not, in their judgment, the location of the garage, as petitioned for, is consistent with public interests and welfare; they may recommend any change which in the opinion of either of them will better serve the public interest or welfare, clearly noting and indicating such changes on the plan referred to in Section 304.

(b) The petition, report of the Superintendent of Buildings and the report of the Chief of the Fire Department, accompanied by one blue print copy of plan, shall be filed by the Superintendent of Buildings in the office of the City Clerk, and the City Clerk shall submit the same to the Mayor and Aldermen at the next meeting of said Board following such filing. Upon the action of the Board of Aldermen on said petition, the City Clerk shall issue a permit in accordance with such action, accompanying same by the blue print copy of the plan herein mentioned, or shall notify the petitioner of the refusal of the Board of Aldermen to grant said petition, as the case may be.

#### Section 307. Building Permit.

(a) When the petition is granted by the Board of Aldermen and issued by the City Clerk, the owner, or his agent, shall make application at the office of the Superintendent of Buildings for a building permit. The application shall be made in writing and upon printed forms furnished by the department.

(b) Before a permit is granted for the erection or alter-

ation of any building or part of any building for use as a garage or filling station, the owner, or his agent, shall submit to the Superintendent of Buildings a detailed description of the proposed structure, including complete copies of the plans of such proposed work and such structural detailed drawings as the Superintendent of Buildings may require. One set of plans shall be kept at the building during the progress of the work open to the inspection of the Superintendent of Buildings or his representative.

(c) Any permits which may be issued by the superintendent pursuant to the provisions of this chapter, but under which no work is commenced within four months from the time of issuance, or when the work is discontinued for a period of five months, shall expire by limitation.

(d) Any building the erection of which was commenced in accordance with a permit granted by the Board of Aldermen on buildings in the fire district prior to the passage of this chapter may, if properly constructed, be completed in accordance with requirements of law in force at the time when such permit was granted.

(e) All the provisions of this chapter shall apply with equal force to both municipal and private buildings.

(f) All questions as to the intent and meaning of the provisions of this part shall be decided by the superintendent, provided that any interested person dissatisfied or aggrieved by his decision may within ten days appeal to the Mayor and Aldermen whose decision shall be final.

#### Section 308. Street Line and Grade.

Every person, before proceeding to erect any foundation, building or wall, or make any alterations in the external wall of any structure, shall first apply to the city engineer for the line and grade of such public street, way, square, or other lands, and the city engineer, without charge, shall furnish the same, together with the location and grade of sewer if in his power to do so.

#### Section 309. Definitions.

Automatic-closing Door or Window:

A door or window arranged to close by means of a device approved by the Superintendent of Buildings when subjected to a temperature of 150 degrees Fahrenheit.

Basement:

A story or portion of a story of a building partly underground not more than forty (40) per cent. of which is below the grade of the street.

Ceiling:

That covering of a room which covers the joists or the floor or roof construction above.

**Existing Building:**

A completed building or structure, or one for which a permit has been granted and has not expired.

**Filling Station:**

A building, or portion of a building, used or designed to be used in any connection with the storage or sale of volatile inflammable liquids.

**Fire Door:**

Any door of metal or of wood covered both sides with lock seamed metal approved by the Superintendent of Buildings. Glazing in doors shall comply with the requirements for fire windows as herein defined.

**Fireproof Floor or Roof:**

Any floor or roof constructed of and supported by incombustible material, with all metal forming any part of the construction properly protected against the effect of heat by brick, terra cotta or concrete.

**Fire Protected:**

The protection of combustible construction with metal lath and cement plaster to a thickness of not less than three-quarters ( $\frac{3}{4}$ ) of an inch. Cement plaster shall be thoroughly mixed and made with one part Portland cement to not more than three (3) parts of sand, and not more than fifteen (15) per cent, by volume of hydrated lime.

**Fire Resisting Roof Covering:**

Any roof covering of brick, tile, slate, metal, asbestos shingles, slag, asphalt shingles, composition of asbestos and asphalt, or tar and gravel.

**Fire Wall:**

Any solid wall constructed of brick or concrete, not less than eight (8) inches in thickness, which extends from the foundation to a height of at least twelve (12) inches above the highest adjoining roof, or between fireproof floors, or between a floor and a roof in a first-class garage, and with all openings in same protected by two (2) automatic-closing fire doors separated by the thickness of the wall. No wooden cornice or any woodwork shall extend across a fire wall. No wooden floor joist or rafters shall enter into an eight (8) inch wall.

**Fire Window or Fire Skylight:**

A window or skylight of approved metal frame and sash, glazed with wire glass not less than one-quarter (1-4) inch thickness, reinforced with wire fabric having a mesh not larger than seven-eighths (7-8) inch, and wire not smaller than No. 24 B. & S. gauge.



**Garage:**

(a) Any building or part thereof, wherein is kept or stored one or more motor vehicles, charged with any volatile inflammable liquid, or wherein the painting or repairing of motor vehicles is conducted.

(b) Any portion of a structure that is on, above, or below the space mentioned in Par. (a), which is not separated therefrom by tight, unpierced fire walls and fireproof floors, as herein defined, shall constitute a part of said garage.

See Section 310 for Classification of Garages.

**Incombustible Material:**

A material or construction which will not ignite and burn when subjected to fire.

**Incombustible Partition:**

A partition constructed of brick, concrete, terra cotta, or approved plaster blocks, or wire lath and cement plaster not less than two (2) inches in thickness properly supported by a steel frame entirely imbedded within the cement plaster.

**License:**

The permission granted by the Board of Aldermen to establish a garage and for the storage, keeping and sale of gasoline in connection therewith.

**Mill-constructed Roof:**

A roof constructed with trusses or wooden beams of sufficient strength for the load to be carried, but in no case less than six (6) inches by six (6) inches in cross section, spaced not less than five (5) feet nor more than ten (10) feet on centers, with roof planking not less than one and three-quarters ( $1\frac{3}{4}$ ) of an inch in thickness.

**Motor Vehicle:**

Any vehicle containing and using gasoline for fuel or power.

**Ordinary Repairs:**

Repairs to a building which would not increase the area, nor include the removal of any masonry wall, or any portion thereof, the removal or cutting of any beam or support, or the removal or change of any staircase, or the cutting of an opening in an exterior wall or in a fire wall.

**Parapet Wall:**

That portion of a masonry wall which extends through and above the roof line either on an exterior, party or division wall.

**Party Wall:**

A masonry wall used for joint service between two buildings.

**Permit:**

The Permission granted by the State Fire Marshal, or the official designated by him to grant permits, to establish a garage and for the storage, keeping and sale of gasoline in connection therewith.

**Special Permit:**

The permission granted by the State Fire Marshal.

**Self-closing Door:**

Any door which is kept closed by a device approved by the Superintendent of Buildings when not necessarily opened.

**Section 310. Classification.****(a) Private Garage:**

Any garage for not more than four (4) motor vehicles.

**(b) Public Garage:**

Any garage for more than four (4) motor vehicles.

**(c) First-class Garage:**

A garage constructed of incombustible material throughout with external walls of brick, stone, terra cotta, concrete, concrete blocks, or some equally substantial, fireproof material, with all openings protected with approved fire doors or fire windows, with all steel-work properly protected, against the effect of heat as herein provided, except that wood may be used inside of an office, wherein no gasoline is kept, for non-bearing partitions and for flooring.

**(d) Second-class Garage:**

A garage of which the external walls are constructed of brick, stone, terra cotta, concrete, concrete blocks, or some other equally substantial fireproof material, and which has any part of the interior or roof construction of wood.

**(e) Metal Garage:**

A garage constructed entirely of metal.

**(f)** No third-class or frame constructed garage shall be erected within the city limits.

**Section 311. Fire Limits.**

The fire limits shall include all the area included within the following boundaries:

Same as in Section 176.



## Section 312. Location.

Garages and Filling Stations here-after erected shall be located not less than the following distances from other buildings, not including garages, small sheds and other small uninhabited buildings if, in the discretion of the Chief of Fire Department, the fire hazard is not materially increased thereby:—

(a) No garage or filling station shall be located nearer than one hundred feet from any hospital or school, nor nearer than fifty feet from any hotel, tenement or apartment house of more than three stories in height, factory, church, theatre, or other place of public amusement or assembly, unless a special permit has been obtained therefor direct from the State Fire Marshal.

(b) Unless otherwise provided in (a) of this section, any first-class garage may adjoin any other building.

(c) Unless otherwise provided in (a) of this section, no filling station and no second-class garage shall be located nearer than five feet from any second-class building, nor nearer than ten feet from any third-class building, provided, however, that if the said garage shall have capacity for not more than three motor vehicles it may be located not less than six feet from any third-class building.

(d) Unless otherwise provided in (a) of this section no metal garage shall be located nearer than six (6) feet from any second-class or third-class building. No metal garage shall be erected or maintained which has capacity for more than two (2) motor vehicles.

(e) No garage or filling station shall be located in a building that is occupied in any part as a dwelling tenement or lodging house, hotel, hospital, school, theatre, church, or as a place of public amusement or assembly; provided, however, that a building in which is located a garage containing not more than two motor vehicles, which are the property of the applicant or his immediate family, and which are not let out for hire, may be used in part as a dwelling, if the portion so used is not located in a building more than two and a half stories in height, is entirely separated from the garage by unpierced fire-walls with the entire garage of first-class construction, has a separate entrance from the outside air, and has all windows in the garage stationary or automatic-closing fire windows; but such part shall only be occupied as a dwelling by the applicant or his employee.

(f) No garage shall hereafter be maintained in any building any part of which is used for the stabling or shelter of horses or cattle, unless the part so used shall have a separate exit to the outside air with no connection whatever maintained between the said stable and garage, and shall be separated from the garage by unpierced fire walls.

(g) A motor vehicle repair shop or motor vehicle paint

shop, or both, shall not be maintained in any garage, unless they are separated from each other and from the garage by incombustible partitions with all openings in same protected by self-closing fire doors, and by stationary fire windows.

(h) Except as provided in Par. (e), no building any part of which is used as a garage or the business in connection herewith, shall be used for any other purpose, unless the garage is separated therefrom by fire walls and fireproof floors, as herein defined.

#### Section 313. Classification as to Construction and Area.

All garages hereafter erected shall conform to the following classification as to construction:—

(a) Garages Having Capacity for More than Twenty Motor Vehicles:

Within the fire limits all such garages shall be of first-class construction. Outside of the fire limits all such garages shall be of first-class or second-class construction.

(b) Garages Having Capacity for Twenty or Less Motor Vehicles:

All such garages shall be of first class or second-class construction whether located within or outside of the fire limits.

(c) Garages Having Capacity for not more than two Motor Vehicles:

Outside the fire limits only, all such garages may be constructed of metal construction.

(d) All filling stations shall be of first-class or second-class construction whether located within or outside of the fire limits, provided, however, that outside the fire limits filling stations not over one hundred (100) square feet in area may be constructed of metal construction.

(e) For the purpose of this section, a motor vehicle shall be considered to occupy a space of two hundred (200) square feet.

#### Section 314. Height.

(a) The height of a first-class garage shall not exceed six (6) stories.

(b) The height of a second-class garage shall not exceed one story, provided, however, that outside the fire limits, a second-class garage which is equipped throughout with an approved sprinkler system shall not exceed three stories.

(c) All filling stations over one story in height shall be of first-class construction.

**Section 315. Fire Prevention.**

(a) Any garage three or more stories in height hereafter erected shall be equipped throughout with an approved system of automatic sprinklers and sprinkler alarm.

(b) Any garage hereafter erected having capacity for more than twenty (20) cars, unless of first-class construction, shall be equipped throughout with an approved system of automatic sprinklers and sprinkler alarm.

(c) Every garage in excess of 10,000 square feet on any one floor shall be so divided by fire walls, as herein defined that no space therein shall exceed 10,000 square feet in area, unless the garage is of the first-class and equipped throughout with an approved system of automatic sprinklers and sprinkler alarm in which case the garage shall be so divided by fire walls that no space therein shall exceed 20,000 square feet.

(d) Any garage four or more stories in height and in excess of 10,000 square feet in area on any one floor, hereafter erected, shall have for each 10,000 square feet of floor area one four-inch standpipe connected separately to the service main, extending from the lowest story up to and through the roof, and located within the enclosed walls of a stairway. Each standpipe shall be provided with a two and one-half inch Fire Department Standard hose connection and gate valve for each story, located not over five feet above the level of the floor, and two two and a half inch Fire Department Standard hose connections and gate valves located in the roof with a controlling gate valve under the roof arranged to operate from below and above the roof with a three-quarter inch drain pipe and valve to prevent freezing. Each standpipe shall also be provided with a Fire Department Standard Siamese steamer connection, located outside the building not less than two feet nor more than four feet above the street level. Such steamer connection shall not project beyond the street line.

**Section 316. General Conditions of Construction.**

Except as provided in this part, all requirements of Part IX, Second Class Construction, Part X First-Class Construction, and Part XI Reinforced Concrete Construction, which apply, shall be complied with.

**Section 317. Conversion of an Existing Building.**

Any building now in existence hereafter converted for use as a garage or filling station shall be made to conform to all the requirements for a new building for such use for the same location, except as provided in the Massachusetts General Laws. (See appendix.)

**Section 318. Allowable Floor Loads.**

(a) All floors shall be of sufficient strength to bear the weight imposed thereon and of sufficient strength in all parts

to safely bear, in addition to the dead load not less than one hundred and twenty-five (125) pounds per square foot for passenger cars, and for all other heavier vehicles as allowed by the Superintendent of Buildings.

(b) The following reductions in assumed floor live loads are permissible in designing all columns, walls, piers and foundations:

- Carrying one floor—No reduction.
- Carrying two floors—20 %.
- Carrying three floors—30 %.
- Carrying four or more floors—40 %.
- No reduction shall be made in roof loads.

#### Section 319. Floor Construction.

(a) All floors in garages and filling stations shall be designed to carry the loads as herein provided and shall be of concrete not less than three (3) inches thick or of some approved fire-resisting material, provided, however, that inside of an office the floor may be of wood.

(b) No pit for repair purposes shall be permitted in the floor of any garage or repair shop.

#### Section 320. Wall Construction.

(a) The walls of filling stations and all garages having capacity for not more than two (2) motor vehicles, except metal garages, may be constructed of brick or stone not less than eight (8) inches thick; hollow cement blocks not less than eight (8) inches thick; solid cement blocks not less than four (4) inches thick and reinforced if necessary; terra cotta blocks not less than four (4) inches thick, reinforced if necessary and plastered with cement mortar on the exterior; or with steel supports covered with approved reinforced metal lath, plastered with cement mortar to a thickness of at least two (2) inches and with all steel supports encased with concrete.

(b) The walls of all garages having capacity for more than two (2) motor vehicles shall be constructed of masonry of the thickness as provided in Par. (b) and (c) Section 235. All other requirements of Section 235, which apply, shall be complied with.

#### Section 321. Windows.

(a) All window openings in all garages, including openings in stairways, shafts and boiler rooms, shall be protected by approved fire windows, and shall be stationary or automatic-closing, provided, however, that windows on the street front, which are more than fifteen (15) feet from any other building, need not be so protected, except that within the fire limits, such windows shall have metal or metal covered frames.

(b) All window openings in all filling stations within



the fire limits and outside the fire limits all said openings less than ten (10) feet from the lot line or fifteen (15) feet from another building shall be protected by approved fire windows.

**Section 322. Exits.**

(a) Every garage from fifty to seventy-five feet in depth have one door, opening outward, in the rear outside wall of the ground floor, opposite the main entrance, leading direct to the outer air, for use in case of fire, and every garage of more than seventy-five feet in depth shall have two such doors in the rear outside wall, opposite the main entrance, located equi-distant in the said wall.

(b) All exterior doors in all garages which are required to be of first-class construction shall be approved fire doors.

(c) All exterior doors in all filling stations and in all garages having capacity for not more than two (2) motor vehicles, which are wholly or in any part within ten (10) feet of any other building, and all exterior doors in all garages having capacity for more than two (2) motor vehicles which are wholly or in part within fifteen (15) feet of any other building, shall be approved fire doors with metal or metal covered frames.

**Section 323. Roof Construction.**

(a) All requirements of Sections 214 and 249 shall be complied with.

(b) The roofs of all garages, except metal garages, and except one story garages designed with individual spaces and having individual doors, shall have a mill constructed roof as herein defined, or shall be of reinforced concrete as defined in Part XI.

(c) Within the fire limits, all filling stations having an area of over two hundred (200) square feet shall have a mill constructed roof as herein defined or shall be of reinforced concrete as defined in Part XI.

(d) No clothes yard or structure shall be erected on the roof of a garage, unless said garage is of first-class construction.

**Section 324. Skylights.**

(a) All skylights on a garage or filling station shall be fire skylights, as herein defined, provided, however, that outside the fire limits, a wooden skylight not over six (6) square feet in area may be constructed on a private garage, if said skylight is over twenty (20) feet from any building of a greater height.

**Section 325. Cornices and Exterior Finish.**

(a) Within the fire limits, all cornices and exterior finish on all garages and filling stations shall be constructed

or covered with incombustible material and strongly supported.

(b) Outside the fire limits, all cornices and exterior finish on all garages having capacity for not more than two (2) motor vehicles which are wholly or in any part within ten (10) feet of any other building, and on all filling stations and garages having a capacity for more than two (2) motor vehicles which are wholly or in part within fifteen (15) feet of any other building, shall be constructed or covered with incombustible material, and strongly supported.

#### Section 326. Projections Over Public Ways.

All requirements of the following section shall be complied with:—

“Section 217. No part of any structure except fire escapes, cornices, string courses, window caps and sills, shall project over the line of any street or public place. No cornice shall project more than three feet. No such projection shall be less than ten feet above the grade of the sidewalk.”

#### Section 327. Stairs.

(a) All garages more than one story in height shall be provided with at least one inside stairway for each five thousand (5000) square feet of floor area and in no case less than two such stairways, located as far apart as conditions will permit. All such stairways shall be continuous from the lowest story or basement to the roof.

(b) All stairways shall have a direct entrance at the ground floor to a street, passageway or court which connects directly with a street, and all exit doors shall open outward.

(c) All stairways in garages shall be at least three feet and six inches (3'6") in width in the clear, shall have level treads not less than eight and one-half (8½) inches from face to face of risers and risers shall be not more than eight (8) inches measured from top to top of treads.

(d) All stairways in garages and filling stations shall be constructed entirely of incombustible material, provided, however, that hand rails may be of wood.

#### Section 328. Use of Basements.

(a) Any basement hereafter to be used as a garage shall have its enclosed walls constructed of incombustible material and shall have a fire-proof ceiling. Such basement shall have not less than two independent exits therefrom direct to the outer air for use in case of fire.

(b) No portion of a building below the street level shall be used for the storage or handling of gasoline, unless so situated or constructed as to allow a free and natural floor ventilation sufficient to remove all vapor therefrom.



**Section 329. Enclosures of Stairs and Elevators.**

(a) All stairways, shafts, ramps, and elevators, including pent houses, shall be enclosed with incombustible partitions at least two inches thick, and shall have no window between the garage and the said stairways or elevators. At each floor provide at least one self-closing fire door to open into the stairway. All elevators shall be provided with self-closing fire doors. All exterior windows in such shafts shall be stationary or automatic-closing.

**Section 330. Partitions.**

(a) In all garages constructed in a row of individual spaces, there shall be constructed an incombustible partition at least two (2) inches thick and without openings, dividing said garage at every five spaces.

(b) All partitions in garages and filling stations shall be incombustible or fire-protected on both sides, as herein defined. In all garages required to be of first-class construction, all partitions between the garage and office or other rooms shall be incombustible partitions, as herein defined. In all garages, all openings in partitions between the garage and office or other rooms shall be protected with approved fire doors or fire windows, and such windows shall be stationary or automatic-closing with the stool level located not less than four (4) feet above the floor.

(c) No combustible material shall be used for the walls or ceilings in any part of a garage or filling station.

(d) No wood or combustible material shall be used in the construction of a locker in a filling station or in a garage having capacity for more than two (2) motor vehicles.

**Section 331. Protection of Structural Steel.**

(a) All metal structural members, including columns, whether filled or unfilled, which support masonry walls and all such members in garages and filling stations which are required to be of first-class construction, shall be encased in solid brick, terra cotta or concrete not less than two (2) inches thick and as required in Section 249.

**Section 332. Ceilings.**

(a) The underside of the roof of all garages, except of first-class construction, and except as provided in Par. (b), having capacity for more than three (3) motor vehicles shall be protected with metal lath and plastered with cement mortar to a thickness of not less than three-quarters ( $\frac{3}{4}$ ) of an inch. The mortar shall be thoroughly mixed and made with one part Portland cement to not more than three (3) parts of sand, and not more than fifteen (15) per cent, by volume of hydrated lime.

(b) The plastered ceiling may be omitted in the case of

a mill-constructed roof where there is a clearance of twelve (12) feet or more between the floors and the roof planking.

(c) There shall be no openings in ceilings except for ventilation. Such ventilating openings shall be provided with flues of incombustible material, properly protected, and shall be continuous from the ceiling through the roof.

**Section 333. Heating.**

(a) No system of heating other than steam, hot water, or other system approved by the Chief of Fire Department, shall be permitted for a garage. Steam or hot water heaters shall be located in a room separated from a garage by incombustible partitions, cement concrete floor and fire-protected ceiling and the only entrance to such room shall be direct from the outside air or through a ventilated vestibule constructed of non-combustible material with standard, self-closing fire doors not less than four feet apart, and with an opening on one side of such vestibule at the floor level direct to the outer air not less than six inches in length and three inches in height.

(b) All chimneys shall be constructed as provided in Section 202.

**Section 334. Artificial Lighting.**

No system of artificial lighting, other than incandescent electric lights, shall be installed or used in any garage or filling station. Such lights shall be fitted with keyless sockets, and all electric switches and plugs shall be placed at least four feet above the garage floor. All portable lights shall be equipped with handles, hooks, lamp guards, and shall have keyless sockets.

**Section 335. Repairs to Existing Garages.**

(a) Ordinary repairs, as herein defined, may be made on an existing garage or filling station, provided a permit for the same is obtained at the office of the Superintendent of Buildings.

(b) If in the opinion of the Superintendent of Buildings, the repairs to be made will constitute a practically new building then such repairs or alterations shall conform to all the requirements of this part relating to the construction of new buildings of corresponding type, in that particular district.

**Section 336. Garages Existing Previous to May 15, 1914.**

All existing buildings used as garages previous to May 15, 1914, containing more than four motor vehicles, shall comply with the following requirements:

(a) All floors shall be covered with cement concrete not less than three inches in thickness or with some other fire-resisting material approved by the Superintendent of Buildings.

(b) All ceilings of garages that are more than one story in height, if constructed of combustible material, other than of mill-construction, shall be fire-protected.

(c) All stairways, elevator wells, or other shafts shall be enclosed in fire-protected partitions or with some other fire-resisting material, approved by the Superintendent of Buildings.

(d) All doorways in said partitions shall be fitted with automatic-closing fire doors.

(e) All windows in exterior walls, which expose dwelling houses, hotels, mills, factories or places of public assembly within twelve feet, shall be fire windows.

(f) All skylights located within twenty feet of any building of greater height than the garage shall be fire skylights.

(g) All basements used for the storage of motor vehicles shall have two or more independent exits therefrom direct to the outside air for use in case of fire and shall be located as near to opposite ends of basement as conditions will permit.

(h) If the Superintendent of Buildings so directs, any building of more than two stories in height having a wooden interior in which a garage is maintained, shall have a sprinkler system installed throughout the garage.

Section 2. This ordinance shall take effect January 1, 1925.

IN COMMON COUNCIL,

November 13, 1924.

Passed to be ordained.

ROBERT A. BARTLETT,

President.

Sent to Board of Aldermen,

RUTH G. HILTON,

Clerk.

IN BOARD OF ALDERMEN,

November 13, 1924.

Passed to be ordained.

WALTER H. B. REMINGTON,

Mayor.

RODOLPHUS A. SWAN,

City Clerk.

Presented to the Mayor for approval November 14, 1924.

RODOLPHUS A. SWAN,

City Clerk.

Approved November, 14, 1924.

WALTER H. B. REMINGTON,

Mayor.

Attest:

RODOLPHUS A. SWAN,

City Clerk.

## CITY ORDINANCE

AMENDING ORDINANCE REGULATING TRAFFIC  
IN STREETS

## CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-four.

## AN ORDINANCE

Amending Sections 8 (a) and 8 (b) of an Ordinance "Further Regulating the Passage of Vehicles in the Streets", approved December 30, 1922, as amended.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Section 8 (a) of an Ordinance "Further Regulating the Passage of Vehicles in the Streets," approved December 30, 1922, as amended, is hereby further amended by adding another paragraph which shall read: Pleasant Street, west side, from Middle to Elm Streets, so that said section as amended shall read as follows: Section 8 (a)—No person shall stop a vehicle or allow a vehicle to stand within any of the following described portions of the streets for more than 15 consecutive minutes between 9:00 o'clock A. M. and 6:00 o'clock P. M., Sundays and legal holidays excepted:

William Street, both sides, from Purchase to Pleasant Streets:

Pleasant Street, west side, from Middle to Elm Streets.

SECTION 2. Section 8 (b) of an Ordinance "Further Regulating the Passage of Vehicles in the Streets," approved December 30, 1922, as amended, is further amended by inserting after the words "Pleasant Street between Spring and Middle Streets," the words "except as provided in Section 8 (a)," so that said Section, as amended, shall read: Section 8 (b) No person shall stop a vehicle or allow a vehicle to stand within any of the following described portions of the streets for more than one hour between 9:00 o'clock A. M. and 6:00 o'clock P. M., Sundays and legal holidays excepted:

Sixth Street, between Union and Elm Streets:

Pleasant Street, between Spring and Middle Streets (except as provided in Section 8 (a) ):

Purchase Street, between School and Kempton Streets, (except as provided in Section 7):

Union Street, between Second and Seventh Streets:

William Street, between Second and Sixth Streets, (except as provided in Sections 7 and 8 (a) ):

Elm Street, between Second and Sixth Streets, (except as provided in Section 7):

Middle Street, between Second and Sixth Streets, (except as provided in Section 7):

High Street, between Pleasant and Purchase Streets:

Kempton Street, between Pleasant and Purchase Streets:

South Water Street, between Blackmer and Cove Streets.

SECTION 3. This ordinance shall take effect on its passage.

IN COMMON COUNCIL.

November 13, 1924.

Passed to be ordained.

ROBERT A. BARTLETT, Pres.

Sent to Board of Aldermen.

RUTH G. HILTON, Clerk.

IN BOARD OF ALDERMEN.

November 13, 1924.

Referred to Committee on Ordinances, and sent down for concurrence.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

December 11, 1924.

Concurred.

RUTH G. HILTON, Clerk.

IN BOARD OF ALDERMEN.

December 26, 1924.

Passed to be ordained.

WALTER H. B. REMINGTON, Mayor.

Sent to Common Council

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

December 26, 1924.

Passed to be ordained.

ROBERT A. BARTLETT, Pres.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval December 27, 1924.

RODOLPHUS A. SWAN, City Clerk.

Approved December 27, 1924.

WALTER H. B. REMINGTON, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.



CITY ORDINANCE

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REPEALING PLANNING BOARD ORDINANCE OF 1923  
CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-five  
AN ORDINANCE

Repealing an ordinance creating a Planning Board for the  
City of New Bedford and defining its duties.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An ordinance creating a planning board for the city of New Bedford and defining its duties, passed to be ordained by the City Council, January 11, 1923, and approved by the Mayor, January 12, 1923, is hereby repealed, revoked and rescinded, and the Planning Board created thereunder is hereby abolished:

SECTION 2. This ordinance shall take effect on its passage.

IN BOARD OF ALDERMEN.

January 22, 1925.

Passed to be ordained.

EDW. R. HATHAWAY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

January 22, 1925.

Passed to be ordained.

EDWARD F. DELANEY, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval January 23, 1925.

RODOLPHUS A. SWAN, City Clerk.

Approved January 23, 1925.

EDW. R. HATHAWAY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.



## CITY ORDINANCE

## CREATING A PLANNING BOARD

## CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-five

## AN ORDINANCE

Creating a Planning Board for the City of New Bedford and defining its duties.

Be it ordained by the City Council of the City of New Bedford as follows: ,

SECTION 1. In the month of January in the year 1925, and biennially thereafter, there shall be appointed by the Mayor, subject to confirmation by the City Council meeting in convention, a Planning Board under the provisions of General Laws, Chapter 41. The Planning Board shall consist of one member of the Board of Aldermen, one member of the Common Council, one member of the Board of Health, one member of the Park Board, the Superintendent of Streets and the City Engineer, whose terms as members of the Planning Board shall not continue beyond the periods for which such officials are elected or appointed. The Mayor shall be an ex-officio member of said Board for the term for which he shall have been chosen. All vacancies in the Planning Board shall be filled in the manner prescribed by law for original appointment.

SECTION 2. Any of the members of the Planning Board may be removed by the Mayor with the approval of a majority of the City Council meeting in convention.

SECTION 3. The Mayor shall act as presiding officer without vote, except in case of a tie vote when he shall have a deciding vote in any matter pending before the Board. In the absence of the Mayor, a temporary chairman shall be chosen by the members present. No member of the Planning Board shall receive compensation from the city for duties performed as a member of said Board. The Planning Board may employ clerical assistance for proper record of its doings but no other contract shall be valid until approved by the City Council and the Mayor.

SECTION 4. The Planning Board shall perform all the duties required under the laws of the Commonwealth and such other duties as may be required by ordinance.

SECTION 5. Annually in January, the Planning Board shall present to the City Council a written report covering its doings of the preceding year; and shall make reports on subjects referred to it by the City Council.

SECTION 6. On request, the several departments of the city shall furnish the Planning Board with such data and information as may be required in carrying out the provisions of this ordinance.

SECTION 7. This ordinance shall take effect on its passage.

IN BOARD OF ALDERMEN.

January 22, 1925.

Passed to be ordained.

EDW. R. HATHAWAY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

January 22, 1925.

Passed to be ordained.

EDWARD F. DELANEY, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval January 23, 1925.

RODOLPHUS A. SWAN, City Clerk.

Approved January 23, 1925.

EDW. R. HATHAWAY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

## CITY ORDINANCE

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**REPEALING ORDINANCE RELATING TO UNPAID  
WATER BILLS****CITY OF NEW BEDFORD**

In the Year One Thousand Nine Hundred and Twenty-five  
AN ORDINANCE

Repealing Section 96, R. O. of 1916, as amended May 11, 1923.  
Be it ordained by the City Council of the City of New Bedford  
as follows:

SECTION 1. Section 96, R. O. of 1916, as amended May 11,  
1923, relating to unpaid water bills is here-by repealed, re-  
voked and rescinded.

SECTION 2. This ordinance shall take effect upon its  
passage

IN BOARD OF ALDERMEN.

January 22, 1925.

Passed to be ordained.

EDW. R. HATHAWAY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

January 22, 1925.

Passed to be ordained.

EDWARD F. DELANEY, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval January 23, 1925.

RODOLPHUS A. SWAN, City Clerk.

Approved January 23, 1925.

EDW. R. HATHAWAY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

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RELATIVE TO PAYMENT OF WATER BILLS

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-five

AN ORDINANCE

Relative to the payment of water bills.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Section 96. If the rates and charges for supplying water to any property remain unpaid for thirty days after the same are due, the Water Registrar shall issue a written demand for the same; and the charge for this demand shall be fifty cents.

In all cases of non-payment of these rates and charges for fifteen days after issuing said demand, the Water Registrar shall cause the supply of water to be shut off, and the water shall not be again let on to the property for any owner, except on payment of all the above rates and charges plus the sum of two dollars for turning off and on the water.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN.

January 22, 1925.

Passed to be ordained.

EDW. R. HATHAWAY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

January 22, 1925.

Passed to be ordained.

EDWARD F. DELANEY, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval January 23, 1925.

RODOLPHUS A. SWAN, City Clerk.

Approved January 23, 1925.

EDW. R. HATHAWAY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

## CITY ORDINANCE

AMENDING ORDINANCE REGULATING TRAFFIC  
IN STREETS

## CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-five

## AN ORDINANCE

Amending Sections 7 and 8 of an Ordinance "Further Regulating the Passage of Vehicles in the Streets", approved December 30th, 1922, as amended.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Section 7 of an ordinance "Further Regulating the Passage of Vehicles in the Streets", approved December 30, 1922, as amended, is hereby further amended by adding at the end thereof the following paragraphs:

Acushnet Avenue, east side, from Sawyer Street northerly 65 feet;

Sawyer Street, north side, from Acushnet Avenue westerly 85 feet; so that said section, as amended, shall read:

Section 7. No person shall stop a vehicle in any of the following described portions of the streets between 9:00 A. M. and 9:00 P. M., except while taking on or discharging passengers, merchandise or vehicular supplies:

William Street, north side, between Purchase Street and Acushnet Avenue;

Elm Street, south side, between Sixth and Purchase Streets;

Middle Street, south side, between Sixth and North Second Streets;

Acushnet Avenue, west side, between Union and Middle Streets;

Purchase Street, east side, from Union Street southerly 93 feet;

Acushnet Avenue, east side, from Sawyer Street northerly 65 feet;

Sawyer Street, north side, from Acushnet Avenue westerly 85 feet.

SECTION 2. Section 8 of an ordinance "Further Regulating the Passage of Vehicles in the Streets", approved December 30, 1922, as amended, is hereby further amended by adding at the end thereof another paragraph which shall read: Section 8 (c). No person shall stop a vehicle or allow a vehicle to stand within any of the following described portions of the streets for more than 30 consecutive minutes between 9:00 A. M. and 6:00 P. M., Sundays and legal holidays excepted:



Acushnet Avenue, east side, from Sawyer Street southerly 80 feet so that said section, as amended, shall read:

SECTION 8 (a). No Person shall stop a vehicle or allow a vehicle to stand within any of the following described portions of the streets for more than 15 consecutive minutes between 9:00 o'clock A. M. and 6:00 o'clock P. M., Sundays and legal holidays excepted:

William Street, both sides, from Purchase to Pleasant Streets;

Pleasant Street, west side, from Middle to Elm Streets.

(b). No person shall stop a vehicle or allow a vehicle to stand within any of the following described portions of the streets for more than one hour between 9:00 o'clock A. M. and 6:00 o'clock P. M., Sundays and legal holidays excepted:

Sixth Street, between Union and Elm Streets;

Pleasant Street, between Spring and Middle Streets (except as provided in Section 8 (a));

Purchase Street, between School and Kempton Streets, (except as provided in Section 7);

Union Street, between Second and Seventh Streets;

William Street, between Second and Sixth Streets, (except as provided in Sections 7 and 8 (a));

Elm Street, between Second and Sixth Streets, (except as provided in Section 7);

Middle Street, between Second and Sixth Streets, (except as provided in Section 7);

High Street, between Pleasant and Purchase Streets;

Kempton Street, between Pleasant and Purchase Streets;

South Water Street, between Blackmer and Cove Streets.

(c) No person shall stop a vehicle or allow a vehicle to stand within any of the following described portions of the streets for more than thirty consecutive minutes between 9:00 A. M. and 6:00 P. M. Sundays and legal holidays excepted:

Acushnet Avenue, east side, from Sawyer Street southerly 80 feet.

SECTION 3. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN.

March 12, 1925.

Passed to be ordained.

EDW. R. HATHAWAY, Mayor.



CITY ORDINANCES

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

March 12, 1925.

Passed to be ordained.

EDWARD F. DELANEY, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval, March 13, 1925.

RODOLPHUS A. SWAN, City Clerk.

Approved March 13, 1925.

EDW. R. HATHAWAY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

## CITY ORDINANCE

## AN ORDINANCE

## Establishing Certain Building Districts

## CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-five  
Be it ordained by the City Council of the City of New Bedford  
as follows:

Section 1. The City of New Bedford is hereby divided into zones or districts to be known respectively as Residence Districts and Non-residence Districts as follows:

Non-residence Districts shall comprise (1) all lands which at the time this ordinance takes effect are used for any business or industry other than agriculture or horticulture, and the conduct of a boarding or lodging house, and (2) all lands located and fronting upon any section of any street which lies between two successive intersecting streets and in which at the time this ordinance takes effect not less than one-half of the ground floor frontage on both sides of said street is devoted to business or industry or is manifestly intended to be so used.

Residence Districts shall compromise all areas not included in Non-residence Districts.

Section 2. Except as hereinafter provided no parcel of land lying in a Residence District and not at said time devoted to any business or industry other than those specified in section one, shall hereafter be used therefor, and no permit shall be issued for the erection, alteration or conversion of any building for or to such use upon any such parcel.

Section 3. A permit may be issued for the erection in a Residence District of a building for the purposes of any business or industry or for the alteration or conversion of a building in such district for or to such purposes, provided that there be filed with the application for such permit written consents thereto signed and acknowledged by the owners, or legal representatives of the owners, of not less than three-fourths of all lands used for other than business or industrial purposes, which front on both sides of the street and which lie between the two intersecting streets nearest to and on either side of the land in question or within four hundred feet on either side thereof in case the nearest intersecting streets is more than that distance therefrom, and all lands abutting the lot for which the permit is sought, provided further that the City Council shall after public hearing so order.

Section 4. All ordinances and parts of ordinances inconsistent herewith are hereby repealed.

Section 5. This ordinance shall take effect upon its passage.

CITY ORDINANCES

IN BOARD OF ALDERMEN.

March 12, 1925.

Referred to Committee on Ordinances with instructions to hold a hearing thereon, and report to the city council on April 23, 1925; sent down for concurrence.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

March 12, 1925.

Concurred.

RUTH G. HILTON, Clerk.

IN BOARD OF ALDERMEN.

April 23, 1925.

Passed to be ordained.

EDW. R. HATHAWAY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

April 23, 1925.

Passed to be ordained.

EDWARD F. DELANEY, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval, April 23, 1925.

RODOLPHUS A. SWAN, City Clerk.

Approved April 23, 1925.

EDW. R. HATHAWAY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

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Repealing Ordinance Regulating Billboard Construction

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-five

AN ORDINANCE

Rescinding Section 294 of an Ordinance approved by the Mayor, November 14, 1924.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 294 of an Ordinance approved by the Mayor, November 14, 1924, is hereby repealed, revoked and rescinded.

Section 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN.

May 14, 1925.

Passed to be ordained.

JOHN CATTERALL, President Board of Aldermen

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

May 14, 1925.

Passed to be ordained.

EDWARD F. DELANEY, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval, May 18, 1925.

RODOLPHUS A. SWAN, City Clerk.

Approved May 18, 1925.

EDW. R. HATHAWAY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

## CITY ORDINANCE

## RELATIVE TO SIGNS

(Billboards, Signs or other Advertising Devices)

## CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-five  
AN ORDINANCE

## RELATIVE TO SIGNS

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 294 of an ordinance approved by the Mayor, November 14, 1924, shall read as follows:

Section 294 (a) For the purpose of this Ordinance, all billboards, signs or other advertising devices shall be designated as "Signs." This section shall not apply to signs projecting over the sidewalk.

(b) A permit shall be obtained from the Superintendent of Buildings for the erection, alteration, or maintenance of a sign exceeding 20 square feet in area attached to, placed, or maintained upon a building.

(c) Before a permit is granted for the erection, alteration or maintenance of a sign upon any building, the owner, lessee, or agent shall submit for the approval of the Superintendent of Buildings a plan or sketch showing the size, location and construction of said sign.

(d) The face of any sign shall not exceed twelve (12) feet in height or fifty (50) feet in length, and shall have a clearance between the roof and the bottom of the sign of not less than three (3) feet or more than six (6) feet from the top of the roof as approved by the Superintendent of Buildings. A space of at least eight feet (8) shall be maintained between signs, unless placed back to back or if set at an angle there shall be four (4) feet between signs provided the signs are over fifty (50) feet in length. A clear space of at least three (3) feet shall be maintained at each end of the signs. No sign of any kind shall be attached to or placed upon a building in such a manner as to obstruct an exit, window, or fire escape.

(e) All signs exceeding two (2) feet in height, except signs not exceeding twenty (20) square feet in area, shall be constructed of incombustible material, with all supports, uprights, and braces of metal, properly constructed and fastened to the roof, or to timbers securely fastened to the roof, as approved by the Superintendent of Buildings, provided however, that wood may be used for frames which are not supporting members or braces. All upright supports shall be at least of  $2\frac{1}{2}$ "x $2\frac{1}{2}$ "x $\frac{1}{4}$ " angle iron or equal and all other members or braces shall be at least of 2"x2"x $\frac{1}{4}$ " angle iron or equal. All connections of members shall be properly riveted or bolted.

(f) All signs shall be kept in good repair with all supporting members and braces thoroughly painted and shall be secured to the roof to the entire satisfaction of the Superintendent of Buildings.

(g) Any person who violates or fails to comply with all the requirements of this section shall be guilty of a misdemeanor and shall be liable to a fine not to exceed twenty (20) dollars.

Section 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN.

May 14, 1925.

Passed to be ordained.

JOHN CATTERALL, President Board of Aldermen.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

May 14, 1925.

Passed to be ordained.

EDWARD F. DELANEY, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval, May 18, 1925.

RODOLPHUS A. SWAN, City Clerk.

Approved May 18, 1925.

EDW. R. HATHAWAY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.



**CITY ORDINANCE****Amending Ordinance Regulating Traffic****CITY OF NEW BEDFORD**

In the Year One Thousand Nine Hundred and Twenty-five

**AN ORDINANCE**

Amending Section 7 of an ordinance "Further Regulating the Passage of Vehicles in the Streets" approved December 30th, 1922, as amended.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Section 7 of an Ordinance "Further Regulating the Passage of Vehicles in the Streets", approved December 30, 1922, as amended, is hereby further amended by adding at the end thereof another paragraph as follows: (b) No person shall stop a vehicle in any of the following described portions of the streets except while taking on or discharging passengers, merchandise or vehicular supplies:

Pleasant Street, east side, between Kempton and Weld Streets; so that said section, as amended, shall read:

Section 7. (a) No person shall stop a vehicle in any of the following described portions of the streets between 9:00 A. M. and 9:00 P. M., except while taking on or discharging passengers, merchandise or vehicular supplies:

William Street, north side, between Purchase Street and Acushnet Avenue;

Elm Street, south side, between Sixth and Purchase Sts;

Middle Street, south side, between Sixth and North Second Streets;

Acushnet Avenue, west side, between Union and Middle Streets;

Purchase Street, east side, from Union Street southerly 93 feet;

Acushnet Avenue, east side, from Sawyer Street northerly 65 feet;

Sawyer Street, north side, from Acushnet Avenue westerly 85 feet;

(b) No person shall stop a vehicle in any of the following described portions of the streets except while taking on or discharging passengers, merchandise or vehicular supplies:

Pleasant Street, east side, between Kempton and Weld Streets,

CITY ORDINANCES

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Section 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN.

May 14, 1925.

Passed to be ordained.

JOHN CATTERALL, President Board of Aldermen.

Sent to Common Council,

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

May 14, 1925.

Passed to be ordained.

EDWARD F. DELANEY, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval, May 18, 1925.

RODOLPHUS A. SWAN, City Clerk.

Approved May 18, 1925.

EDW. R. HATHAWAY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

**CITY ORDINANCE**

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**One-Way Traffic in Mechanics Lane****CITY OF NEW BEDFORD**

In the Year One Thousand Nine Hundred and Twenty-five

**AN ORDINANCE**

Regulating Traffic in Mechanics Lane between Pleasant Street and Purchase Street.

Be it ordained by the City Council of the City of New Bedford as follows:

Section 1. Mechanics Lane, between Pleasant and Purchase Streets, is hereby designated as a one way street for vehicular traffic, entrance to the same to be from Pleasant Street, and the direction of traffic to be easterly toward the exit at Purchase Street.

No parking shall be allowed in Mechanics Lane, between Pleasant and Purchase Streets.

Section 2. Proper signs to carry out the provisions of this ordinance shall be displayed on Mechanics Lane at Pleasant Street and at Purchase Street.

Section 3. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN.

May 14, 1925.

Passed to be ordained.

JOHN CATTERALL, President Board of Aldermen.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

May 14, 1925.

Passed to be ordained.

EDWARD F. DELANEY, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval, May 18, 1925.

RODOLPHUS A. SWAN, City Clerk.

Approved May 18, 1925.

EDW. R. HATHAWAY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

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CHANGING NAME OF COMMITTEE ON ARMORIES

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-five

AN ORDINANCE

Amending Section 27, R. O. of 1916, as amended January 26, 1923, changing name of committee on Armories to committee on Military Affairs.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Section 27, R. O. of 1916, as amended January 26, 1923, is hereby further amended by striking out the word "armories" and inserting in place thereof the words "military affairs" so that said section, as amended, shall read: Section 27. The following standing committees of the city council are hereby established: almshouse and the poor, audit, military affairs, bath houses, building code, city property, claims, finance, fire department, ordinances, streets, street lights and wharves.

Section 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN.

June 11, 1925.

Passed to be ordained.

EDW. R. HATHAWAY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

June 11, 1925.

Passed to be ordained.

EDWARD F. DELANEY, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval June 12, 1925.

RODOLPHUS A. SWAN, City Clerk.

Approved June 12, 1925.

EDW. R. HATHAWAY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

## CITY ORDINANCE

## AMENDING SECTION 34 REVISED ORDINANCES OF 1916

## CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-five

## AN ORDINANCE

Amending Section 34, R. O. of 1916.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Section 34, R. O. of 1916, is hereby amended by striking out the word "armories" in the first line thereof and inserting in place thereof the words "military affairs," so that said section, as amended, shall read: Section 34. The committee on military affairs shall have the care and custody of the rifle range and all property used in connection therewith, or by any military or naval contingent organized under city, state, or federal authority, unless otherwise provided by law.

SECTION 2. This ordinance shall take effect upon its passage.

## IN BOARD OF ALDERMEN.

June 11, 1925.

Passed to be ordained.

EDW. R. HATHAWAY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

## IN COMMON COUNCIL.

June 11, 1925.

Passed to be ordained.

EDWARD F. DELANEY, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval June 12, 1925.

RODOLPHUS A. SWAN, City Clerk

Approved June 12, 1925.

EDW. R. HATHAWAY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

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AMENDING BUILDING CODE

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Twenty-five

AN ORDINANCE

Amending Sections 218 and 239 of an Ordinance approved by the Mayor November 14, 1924, known as the "Building Code."

Be it ordained by the City Council of the City of New Bedford as follows:—

**Section 1.** Paragraph B of Section 218 of an ordinance approved by the Mayor November 14, 1924, is hereby amended by striking out the words "and further provided, that if such building used for dwelling purposes has a depth along the lot line of more than fifty (50) feet then such distance shall further be increased at the ratio of one (1) foot for every additional ten (10) feet or fraction thereof, and further provided, that the total distance shall not be required to be over ten (10) feet," so that said section, as amended, shall read:

**Section 218. (b)** An external wall of a building constructed of second class construction, as defined herein, in which there are openings, and which is designed to be occupied in any part as a dwelling, shall be four (4) feet from the lot line for all buildings three (3) stories or less in height, and this distance shall be increased one (1) foot for every additional story above the third story.

**Section 2.** Paragraph B of Section 239 of an ordinance approved by the Mayor November 14, 1924, is hereby amended by inserting after the words "Class I" wherever they occur, the words "Class H" so that said section, as amended, shall read:

**Section 239. (b)** Within the fire limits, every building, except churches and dwellings in Class I and Class H, shall have approved fire doors or fire windows for all exterior openings within ten (10) feet from the lot line, or within ten (10) feet from another building on the same lot; and further provided, that these distances shall be increased to twenty (20) feet for all buildings, except churches and dwellings in Class I and Class H, which are over two (2) stories or thirty (30) feet in height.

**Section 3.** This ordinance shall take effect upon its passage.



CITY ORDINANCES

IN BOARD OF ALDERMEN.

June 25, 1925.

Passed to be ordained.

EDW. R. HATHAWAY, Mayor.

Sent to Common Council.

RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL.

June 25, 1925.

Passed to be ordained.

EDWARD F. DELANEY, President.

RUTH G. HILTON, Clerk.

Presented to the Mayor for approval, June 26, 1925.

RODOLPHUS A. SWAN, City Clerk.

Approved June 26, 1925.

EDW. R. HATHAWAY, Mayor.

Attest:

RODOLPHUS A. SWAN, City Clerk.

















